

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0012	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10
		10B. DATED (SEE ITEM 13) 02/05/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

In accordance with contractor proposals per modifications 0002, 0009 and the initial Task Order, the total subcontractor consent ceiling threshold is \$173,287.00. All other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED AUG 28 2002

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0012

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 04/30/02
Award Date: 02/05/01
Total Funding: \$283,479.00

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TC0065	Estimated Cost	
	Fixed Fee	
Total:		\$1,900.00
FY2000 - TCE045	Estimated Cost	
	Fixed Fee	
Total:		\$4,733.00
FY2001 - TC1053	Estimated Cost	
	Fixed Fee	
Total:		\$7,000.00
FY2001 - TC1064	Estimated Cost	
	Fixed Fee	
Total:		\$15,000.00
FY2001 - TCE020	Estimated Cost	
	Fixed Fee	
Total:		\$5,000.00
FY2001 - TCE021	Estimated Cost	
	Fixed Fee	
Total:		\$30,000.00
FY2001 - TCE023	Estimated Cost	
	Fixed Fee	
Total:		\$10,000.00
FY2001 - TP1007	Estimated Cost	
	Fixed Fee	
Total:		\$100,000.00
FY2001 - TP1066	Estimated Cost	
	Fixed Fee	
Total:		\$35,000.00
FY2001 - TP1086	Estimated Cost	
	Fixed Fee	

Redacted
Exemption 4, CBI

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0012

Total: \$34,770.00

FY2001 - TP2002 Estimated Cost
Fixed Fee

Redacted
Exemption 4, CBI

Total: \$40,076.00

[M] - Modified

[A] - Added

Attachments

The following item(s) have been added:

Attachment Name

Subcontractor Consent

Subcontractor Consent

Contract: 68-W-01-009, Task Order: 0010, Mod: 0012

NAME	TYPE	AMOUNT
Mantech Envir	CPFF	\$173,287

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0011	3. EFFECTIVE DATE 04/01/02	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10 10B. DATED (SEE ITEM 13) 02/05/01

CODE FACILITY CODE	
--------------------	--

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

As the result of delays beyond the contractor's control, additional time is required for the completion of previously assigned work under this Task Order. Accordingly, the Period of Performance is hereby extended to 4/30/02. All other terms, conditions, and costs previously negotiated remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED APR 4 2002

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0011

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 04/30/02
Award Date: 02/05/01
Total Funding: \$283,479.00

Summary Changes

The anticipated expiration date has changed from 03/31/02 to 04/30/02.

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TC0065	Estimated Cost	
	Fixed Fee	
	Total:	\$1,900.00
FY2000 - TCE045	Estimated Cost	
	Fixed Fee	
	Total:	\$4,733.00
FY2001 - TC1053	Estimated Cost	
	Fixed Fee	
	Total:	\$7,000.00
FY2001 - TC1064	Estimated Cost	
	Fixed Fee	
	Total:	\$15,000.00
FY2001 - TCE020	Estimated Cost	
	Fixed Fee	
	Total:	\$5,000.00
FY2001 - TCE021	Estimated Cost	
	Fixed Fee	
	Total:	\$30,000.00
FY2001 - TCE023	Estimated Cost	
	Fixed Fee	
	Total:	\$10,000.00
FY2001 - TP1007	Estimated Cost	
	Fixed Fee	
	Total:	\$100,000.00
FY2001 - TP1066	Estimated Cost	
	Fixed Fee	

Redacted
Exemption 4, CBI

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0011

**Redacted
Exemption 4, CBI**

Total:	\$35,000.00
FY2001 - TP1086 Estimated Cost	
Fixed Fee	_____

Total:	\$34,770.00
FY2001 - TP2002 Estimated Cost	
Fixed Fee	_____

Total:	\$40,076.00

[M] - Modified
[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0010	3. EFFECTIVE DATE 03/01/02	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10	
			10B. DATED (SEE ITEM 13) 02/05/01	
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

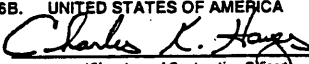
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

As the result of delays beyond the contractor's control, additional time is required for the completion of previously assigned work under this Task Order. Accordingly, the Period of Performance is hereby extended to 3/31/02. All other terms, conditions, and costs previously negotiated remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED MAR 1 2002

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0010

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 03/31/02
Award Date: 02/05/01
Total Funding: \$283,479.00

Summary Changes

The anticipated expiration date has changed from 02/28/02 to 03/31/02.

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TC0065	Estimated Cost	
	Fixed Fee	
Total:		\$1,900.00
FY2000 - TCE045	Estimated Cost	
	Fixed Fee	
Total:		\$4,733.00
FY2001 - TC1053	Estimated Cost	
	Fixed Fee	
Total:		\$7,000.00
FY2001 - TC1064	Estimated Cost	
	Fixed Fee	
Total:		\$15,000.00
FY2001 - TCE020	Estimated Cost	
	Fixed Fee	
Total:		\$5,000.00
FY2001 - TCE021	Estimated Cost	
	Fixed Fee	
Total:		\$30,000.00
FY2001 - TCE023	Estimated Cost	
	Fixed Fee	
Total:		\$10,000.00
FY2001 - TP1007	Estimated Cost	
	Fixed Fee	
Total:		\$100,000.00
FY2001 - TP1066	Estimated Cost	
	Fixed Fee	

Redacted
Exemption 4, CBI

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0010

Total:	\$35,000.00
FY2001 - TP1086	Estimated Cost
	Fixed Fee

Total:	\$34,770.00
FY2001 - TP2002	Estimated Cost
	Fixed Fee

Total:	\$40,076.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0009	3. EFFECTIVE DATE 02/08/02	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10106		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10	
			10B. DATED (SEE ITEM 13) 02/05/01	
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	FAR 43.202
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

In accordance with contractor's proposal this modification increases ceiling by \$23,085.00 for 35 additional samples for Macroinvertebrate sorting (see attached SOW); increases hours by 543 for a new total of 8,440 LOE hours and increases the contract ceiling to \$283,479.00.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED FEB 15 2002

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0009

Lead PR Number: PR-R4-02-10106

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 02/28/02
Award Date: 02/05/01
Total Funding: \$283,479.00

Summary Changes

The Task Order Ceiling has changed from \$260,394.00 to \$283,479.00

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
TP2002	01	B	87FT	20302B	00000000		2505	\$23,085.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TC0065	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$1,900.00
FY2000 - TCE045	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$4,733.00
FY2001 - TC1053	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$7,000.00
FY2001 - TC1064	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$15,000.00
FY2001 - TCE020	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$5,000.00
FY2001 - TCE021	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$30,000.00

Redacted
Exemption 4, CBI

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0009

Lead PR Number: PR-R4-02-10106

FY2001 - TCE023	[M] Estimated Cost	
	[M] Fixed Fee	

Total:		\$10,000.00
FY2001 - TP1007	[M] Estimated Cost	
	[M] Fixed Fee	

Total:		\$100,000.00
FY2001 - TP1066	[M] Estimated Cost	
	[M] Fixed Fee	

Total:		\$35,000.00
FY2001 - TP1086	[M] Estimated Cost	
	[M] Fixed Fee	

Total:		\$34,770.00
FY2001 - TP2002	[M] Estimated Cost	
	[M] Fixed Fee	

Total:		\$40,076.00

**Redacted
Exemption 4, CBI**

[M] - Modified
[A] - Added

Attachments

The following item(s) have been modified:

Attachment Type

Hours and Fee Billing

The following item(s) have been added:

Attachment Type

SOW for 35 additional Macroinvertebrate samples

Subcontractor Consent

The following item(s) have been modified:

Name	Type	Amount
-----	-----	-----
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$20,811.00

Totals

The following item(s) have been modified:

Category	From Amount	To Amount	Difference
-----	-----	-----	-----
Estimated Cost			
Fixed Fee			

**Redacted
Exemption 4, CBI**

Hours and Fee Billing

Contract: 68-W-01-009, Task Order: 0010, Mod: 0009

Lead PR Number: PR-R4-02-10106

This is a cost reimbursable completion type order. The government and contractor have agreed upon 543 direct labor hours for a total of 8,440 LOE hours.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0008	3. EFFECTIVE DATE 01/30/02	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10093		5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (if other than item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10	
			10B. DATED (SEE ITEM 13) 02/05/01	
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding in the amount of \$16,991.00. This action fully funds this Task Order. Period of Performance extended to 02/28/02.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED JAN 30 2002

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0008

Lead PR Number: PR-R4-02-10093

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 02/28/02
Award Date: 02/05/01
Total Funding: \$260,394.00

Summary Changes

The anticipated expiration date has changed from 01/31/02 to 02/28/02.

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
TP2002	01	B	87FT	20302B	00000000		2505	\$16,991.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TC0065	Estimated Cost	
	Fixed Fee	
Total:		\$1,900.00
FY2000 - TCE045	Estimated Cost	
	Fixed Fee	
Total:		\$4,733.00
FY2001 - TC1053	Estimated Cost	
	Fixed Fee	
Total:		\$7,000.00
FY2001 - TC1064	Estimated Cost	
	Fixed Fee	
Total:		\$15,000.00
FY2001 - TCE020	Estimated Cost	
	Fixed Fee	
Total:		\$5,000.00
FY2001 - TCE021	Estimated Cost	
	Fixed Fee	
Total:		\$30,000.00
FY2001 - TCE023	Estimated Cost	
	Fixed Fee	

Redacted
Exemption 4, CBI

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0008

Lead PR Number: PR-R4-02-10093

Total:	\$10,000.00
FY2001 - TP1007 Estimated Cost	
Fixed Fee	_____

Total:	\$100,000.00
FY2001 - TP1066 Estimated Cost	
Fixed Fee	_____

Total:	\$35,000.00
FY2001 - TP1086 Estimated Cost	
Fixed Fee	_____

Total:	\$34,770.00
FY2001 - TP2002 Estimated Cost	
Fixed Fee	_____

Total:	\$16,991.00

**Redacted
Exemption 4, CBI**

[M] - Modified

[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE

PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO. 0007	3. EFFECTIVE DATE 09/27/01	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor, AFC 61 Forsyth Street, SW Atlanta, GA 30303		7. ADMINISTERED BY (if other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Integrated Laboratory System
P. O. Box 13501
Research Triangle Park, NC 27709

9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO #10
10B. DATED (SEE ITEM 13) 02/05/01

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

Y)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR Part 43
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding in the amount of \$1,900.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sam R. Jamison
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY <i>Sam R. Jamison</i> (Signature of Contracting Officer)	16C. DATE SIGNED 9-27-01

Water Management Division Analytical Support**Contract: 68-W-01-009, Task Order: 00010, Mod: 0007****Summary Information**

Title: Water Management Division Analytical Support
 Period of Performance: From: 02/05/01
 To: 01/31/02
 Award Date: 09/27/01
 Total Funding: \$243,403.00

Accounting/Appropriation Data

The following item(s) have been added:

<u>DCN</u>	<u>BYFS</u>	<u>Appr.#</u>	<u>Org.</u>	<u>Program Element</u>	<u>Site/ Project</u>	<u>Cost Org</u>	<u>Obj. Class</u>	<u>Amount</u>	<u>P / C</u>
TC0065	01-00 CFA	B	04T00RR	20202B	0000000	0000	2505	\$1,900.00	P

Funding Breakout

<u>Acct. Info.</u>	<u>Funding Category</u>	<u>Amount</u>
FY2000 - TCE045	Estimated Cost Fixed Fee	_____
Total:		\$4,733.00
FY2001 - TC1053	Estimated Cost Fixed Fee	_____
Total:		\$7,000.00
FY2001 - TC1064	Estimated Cost Fixed Fee	_____
Total:		\$15,000.00
FY2001 - TCE020	Estimated Cost Fixed Fee	_____
Total:		\$5,000.00

Redacted
Exemption 4, CBI

FY2001 - TCE021	Estimated Cost Fixed Fee	<u> </u>
Total:		\$30,000.00
FY2001 - TCE023	Estimated Cost Fixed Fee	<u> </u>
Total:		\$10,000.00
FY2001 - TP1007	Estimated Cost Fixed Fee	<u> </u>
Total:		\$100,000.00
FY2001 - TP1066	Estimated Cost Fixed Fee	<u> </u>
Total:		\$35,000.00
FY2001 - TP1086	Estimated Cost Fixed Fee	<u> </u>
Total:		\$34,770.00
FY2001 - TC0065	Estimated Cost Fixed Fee	<u> </u>
Total:		\$1,900.00

**Redacted
Exemption 4, CBI**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 5
2. AMENDMENT/MODIFICATION NO. 0006	3. EFFECTIVE DATE 08/31/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-01-10545		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10 10B. DATED (SEE ITEM 13) 02/05/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

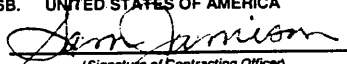
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR Part 43
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding in the amount of \$34, 770.00.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 8-31-01

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0006

Lead PR Number: PR-R4-01-10545

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 01/31/02
Award Date: 02/05/01
Total Funding: \$241,503.00

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr. #	Org	Program Element	Site/Project	Cost Org	Obj Class	Amount	P / C
TP1086	01	B	87FT	20302B	00000000		2505	\$34,770.00	C

Funding Breakout

Acct. Info	Funding Category	Amount
FY2000 - TCE045	Estimated Cost	
	Fixed Fee	
	Total:	\$4,733.00
FY2001 - TC1053	Estimated Cost	
	Fixed Fee	
	Total:	\$7,000.00
FY2001 - TC1064	Estimated Cost	
	Fixed Fee	
	Total:	\$15,000.00
FY2001 - TCE020	Estimated Cost	
	Fixed Fee	
	Total:	\$5,000.00
FY2001 - TCE021	Estimated Cost	
	Fixed Fee	
	Total:	\$30,000.00
FY2001 - TCE023	Estimated Cost	
	Fixed Fee	
	Total:	\$10,000.00
FY2001 - TP1007	Estimated Cost	
	Fixed Fee	
	Total:	\$100,000.00
FY2001 - TP1066	Estimated Cost	

Redacted
Exemption 4, CBI

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0006

Lead PR Number: PR-R4-01-10545

Fixed Fee	_____

Total:	\$35,000.00
FY2001 - TP1086 Estimated Cost	_____
Fixed Fee	_____

Total:	\$34,770.00

**Redacted
Exemption 4, CBI**

[M] - Modified
[A] - Added

Procurement Management Roles

The following item(s) have been added:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: FRANK R. ALLEN
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: (706) 355-8808
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: ALAN G. AUWARTER
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: (706) 355-8704
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: DEBORAH A. COLQUITT
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: (706) 355-8804
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: JOHN S. HALL
COLLEGE STATION RD

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0006

Lead PR Number: PR-R4-01-10545

ATHENS, GA 30613

Mail Code:

Phone Number: (706) 355-8615

Fax Number:

E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.

Attn: JOHN P. MCCONNEY

COLLEGE STATION RD

ATHENS, GA 30613

Mail Code:

Phone Number: (706) 355-8555

Fax Number:

E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.

Attn: HERBERT L. REVELLS

COLLEGE STATION RD

ATHENS, GA 30613

Mail Code:

Phone Number: (706) 355-8840

Fax Number:

E-Mail Address:

Attachments

The following item(s) have been added:

Attachment Type

Invoice Approval Authority

Invoice Approval Authority

Contract: 68-W-01-009, Task Order: 0010, Mod: 0006

Lead PR Number: PR-R4-01-10545

Notwithstanding the appointment of Alternate Task Order Project Officers on this modification, only the contract level Project Officer and Alternate shall have invoice approval authority.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0005	3. EFFECTIVE DATE 06/13/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-01-10463		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10 10B. DATED (SEE ITEM 12) 02/05/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

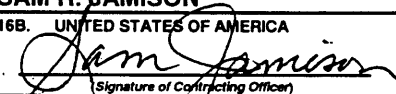
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). Part 43
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding of \$35,000

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 6-13-01

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 52.243

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0005

Lead PR Number: PR-R4-01-10463

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 01/31/02
Award Date: 02/05/01
Total Funding: \$206,733.00

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
TP1066	01	B	87FT	20201B	00000000		2505	\$35,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TCE045	Estimated Cost	
	Fixed Fee	
Total:		\$4,733.00
FY2001 - TC1053	Estimated Cost	
	Fixed Fee	
Total:		\$7,000.00
FY2001 - TC1064	Estimated Cost	
	Fixed Fee	
Total:		\$15,000.00
FY2001 - TCE020	Estimated Cost	
	Fixed Fee	
Total:		\$5,000.00
FY2001 - TCE021	Estimated Cost	
	Fixed Fee	
Total:		\$30,000.00
FY2001 - TCE023	Estimated Cost	
	Fixed Fee	
Total:		\$10,000.00
FY2001 - TP1007	Estimated Cost	
	Fixed Fee	
Total:		\$100,000.00
FY2001 - TP1066	Estimated Cost	
	Fixed Fee	
Total:		\$35,000.00

Redacted
Exemption 4, CBI

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 112
2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE 06/12/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-01-10460		5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (if other than item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10 10B. DATED (SEE ITEM 13) 02/05/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR Part 43
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding of \$15,000

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 6-12-01

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0004

Lead PR Number: PR-R4-01-10460

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 01/31/02
Award Date: 02/05/01
Total Funding: \$171,733.00

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Cls	Amount	P / C
TC1064	01	B	04T00RR	20202B	00000000		2505	\$15,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TCE045	Estimated Cost	
	Fixed Fee	
Total:		\$4,733.00
FY2001 - TC1053	Estimated Cost	
	Fixed Fee	
Total:		\$7,000.00
FY2001 - TC1064	Estimated Cost	
	Fixed Fee	
Total:		\$15,000.00
FY2001 - TCE020	Estimated Cost	
	Fixed Fee	
Total:		\$5,000.00
FY2001 - TCE021	Estimated Cost	
	Fixed Fee	
Total:		\$30,000.00
FY2001 - TCE023	Estimated Cost	
	Fixed Fee	
Total:		\$10,000.00
FY2001 - TP1007	Estimated Cost	
	Fixed Fee	
Total:		\$100,000.00

Redacted
Exemption 4, CBI

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 112
2. AMENDMENT/MODIFICATION NO. 0003	3. EFFECTIVE DATE 05/18/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-01-10445		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 17)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10
		10B. DATED (SEE ITEM 13) 02/05/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

incremental funding

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Sam Jamison</i> (Signature of Contracting Officer)	16C. DATE SIGNED 5-18-01

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0003

Lead PR Number: PR-R4-01-10445

2 of 2

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 01/31/02
Award Date: 02/05/01
Total Funding: \$156,733.00

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Cls	Amount	P / C
TC1053	01	B	04T00RR	20202B	00000000		2505	\$7,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TCE045	Estimated Cost	
	Fixed Fee	
	Total:	\$4,733.00
FY2001 - TC1053	Estimated Cost	
	Fixed Fee	
	Total:	\$7,000.00
FY2001 - TCE020	Estimated Cost	
	Fixed Fee	
	Total:	\$5,000.00
FY2001 - TCE021	Estimated Cost	
	Fixed Fee	
	Total:	\$30,000.00
FY2001 - TCE023	Estimated Cost	
	Fixed Fee	
	Total:	\$10,000.00
FY2001 - TP1007	Estimated Cost	
	Fixed Fee	
	Total:	\$100,000.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 6
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 04/16/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-01-10419		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ILS P.O. Box 13501 R TP, NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10
		10B. DATED (SEE ITEM 13) 02/05/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

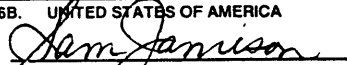
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	FAR 43.202
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Contractor's negotiated proposal of 4/16/01 is accepted.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 4-16-01

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0002

Lead PR Number: PR-R4-01-10419

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 01/31/02
Award Date: 02/05/01
Total Funding: \$149,733.00

Summary Changes

The Task Order Ceiling has changed from 127320 to 260394.

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
TP1007	01	B	87FT	20201B	00000000		2505	\$100,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TCE045	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$4,733.00
FY2001 - TCE020	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$5,000.00
FY2001 - TCE021	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$30,000.00
FY2001 - TCE023	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$10,000.00
FY2001 - TP1007	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$100,000.00

**Redacted
Exemption 4, CBI**

[M] - Modified
[A] - Added

Attachments

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0002

Lead PR Number: PR-R4-01-10419

The following item(s) have been added:

Attachment Type

Hours increase by mod 2

TMDL Table of Samples and Analytes

Totals

The following item(s) have been modified:

Category	From Amount	To Amount	Difference
Estimated Cost		Redacted	
Fixed Fee		Exemption 4, CBI	

Hours increase by mod 2

Contract: 68-W-01-009, Task Order: 0010, Mod: 0002

Lead PR Number: PR-R4-01-10419

Modification 2 to Task Order #10 adds 3,586 LOE hours, for a total of 7,897 LOE hours ordered.

TMDL Table of Samples and Analytes

Contract: 68-W-01-009, Task Order: 0010, Mod: 0002

Lead PR Number: PR-R4-01-10419

TMDL Samples and Analytes

Type Analysis	TMDL
FASP (Sulfide)	41
Total FASP	41
Percent Moisture	350
Mercury	270
Dry & Grind	80
Sulfide	15
TKN (Prep)	13
Sample Disposal	80
Total Inorganic	808
Biology Field Recon Site Visits	13
Macroinvertebrate Sorting & ID	13
Biological Collections (Site)	2
# of Sites for Reagent Preparation	4
Fish Tissue Processing	200
Cholorphyll Analysis	130
FORMS/Sample Packing/Shipping Support	7
Total Biology Support	369
TSS Analysis	194
Bedload/PSA	123
Ortho Phosphorus	10
Ash-free Dry Weight	62
Total Dry Weight	62
Samples Prepared	62
Organic/Inorganic Content	62
TOC/TC	114
NTU	159

TMDL Table of Samples and Analytes

Contract: 68-W-01-009, Task Order: 0010, Mod: 0002

Lead PR Number: PR-R4-01-10419

TDS Analysis	29
Total Soil/Sediment Support	877
Items Deconned	40
Load-ins	2
Load-outs	2
Vehicles Deconned	2
Batteries Charged	30
Site Visits w/FORMS Support	2
Total Field Analytical Support	78
Data Review - Inorganic Samples	1,000
Total Samples Reviewed	1,000
Inorganic Evidentiary Audits	2
Total Data Entry/Audits	2

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 04/13/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-01-10417	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ILS		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 10	
			10B. DATED (SEE ITEM 13) 02/05/01	
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental Funding for General Water

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 4-13-01

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 52.243

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0010, Mod: 0001

Lead PR Number: PR-R4-01-10417

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 02/05/01
To: 01/31/02
Award Date: 02/05/01
Total Funding: \$49,733.00

Accounting/Appropriation Data

The following item(s) have been added:

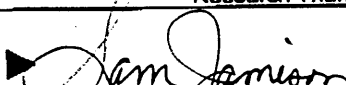
DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
TCE045	00	B	04T00RR	20301B	00000000		2505	\$4,733.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - TCE045	Estimated Cost	
	Fixed Fee	
Total:		\$4,733.00
FY2001 - TCE020	Estimated Cost	
	Fixed Fee	
Total:		\$5,000.00
FY2001 - TCE021	Estimated Cost	
	Fixed Fee	
Total:		\$30,000.00
FY2001 - TCE023	Estimated Cost	
	Fixed Fee	
Total:		\$10,000.00

**Redacted
Exemption 4, CBI**

[M] - Modified
[A] - Added

ORDER FOR SUPPLIES OR SERVICES						PAGE 7 OF 8 PAGES
IMPORTANT: Mark all packages and papers with contract and/or order numbers.						
1. DATE OF ORDER 02/05/01		2. CONTRACT NO. (If any) 68-W-01-009		3. ORDER NO. 000010		4. REQUISITION/REFERENCE NO. PR-
5. ISSUING OFFICE (Address correspondence to) U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303				6. SHIP TO: (Consignee and address, ZIP Code) Mike Blach TOPO 880 College Station Road ATHENS, GA 30605		
7. TO: CONTRACTOR (Name, address and ZIP Code) INTEGRATED LABORATORY SYSTEMS, INC. P. O. Box 13501 Research Triangle Park, NC 27709				8. TYPE OF ORDER (1) A. PURCHASE — Reference your _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. This purchase is negotiated under authority of: (X) B. DELIVERY — Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.		
9. ACCOUNTING AND APPROPRIATION DATA See Attached				10. REQUISITIONING OFFICE Same as Block 6		
11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> OTHER THAN SMALL <input type="checkbox"/> DIS-ADVANTAGED <input type="checkbox"/> WOMEN-OWNED				12. F.O.B. POINT Same as Block 6		
13. PLACE OF INSPECTION AND ACCEPTANCE Same as Block 6				14. GOVERNMENT BAL. (N)		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)
				16. DISCOUNT TERMS N/A		
17. SCHEDULE (See reverse for: Rejections)						
ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	See Attached					
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(H). TOT. (Cont. pages)
21. MAIL INVOICE TO: (Include ZIP Code)		Environmental Protection Agency Research Triangle Park Financial Management Cntr. (Mail Code MD-32) Research Triangle Park, NC 27711				17(I). GRAND TOTAL
22. UNITED STATES OF AMERICA BY (Signature) 				23. NAME (Typed) SAM JAMISON		

January 26, 2001 (10:49AM)

Statement of Work

Task Order No. 010

Water Management Division Analytical Support

Period of Performance 2/1/2001 - 1/31/2002

PURPOSE

The purpose of this Task Order (TO) is to provide through a buy-in from EPA Region 4 Water Management Division analytical, field, biological, data review/data entry and QA/QC support to the Science Ecosystem Support Division (SESD). The contractor shall perform and provide field/laboratory support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) **Task Area I, Analytical Support, Task Area II, Data Review Support, Task Area III: Analytical Logistical Support and Task Area IV, QA/QC Support**. See Attachments 1, 2 and 3 for Region 4's expected number of requests for each Task listed below.

STATEMENT OF WORK:

The contractor shall provide analytical chemistry, biological, field sampling and analytical support to EPA at the Agency's regional laboratory facilities and at specified field locations using mobile laboratory(ies) and/or field based analytical methods.

The contractor shall comply with all SESD SHEMP health and safety, environmental, waste handling and other applicable SESD work rules while conducting on-site or off-site functions. The contractor shall also follow Good Automated Laboratory Practices for all analytical work required by this TO. Upon issuance of this TO, the Task Order Project Officer (TOPO) will provide the contractor with applicable requirements. The contractor shall become familiar with all applicable standard operating procedures (SOPs) referenced in and accompanying the TO.

The contractor shall notify the TOPO immediately if it encounters any equipment failure that cannot be readily remedied by the contractor or technical problems that may impact the quality or on-time delivery of deliverables, or if any required equipment or supplies are unavailable to accomplish required work under this TO.

Task 1: Task Order Management:

The contractor shall track the status of tasks, labor hours and costs for each task under this TO in accordance with the contract Attachment 2, Reports of Work Page 2-1 of 5 and a SOP to be submitted by the contractor for EPA approval. Program management costs shall be broken out from other costs in the financial report. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with weekly reports of the above-referenced data. The initial report shall be in a format proposed by the contractor. EPA will review the initial report and specify changes for subsequent reports through the issuance of a Technical Direction Form (TDF).

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this TO through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer

file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate and complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall implement its quality assurance program in accordance with its EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2. The contractor shall prepare a Quality Assurance Project Plan (QAPP) according to the requirements outlined in EPA QA-R5 for activities under this TO involving environmental measurements within the time frames specified in the approved Work Plan for this TO. The contractor shall revise its QMP and QAPP in accordance with task requirements or as required by EPA through the issuance of a TDF.

The contractor shall implement a health and safety program in accordance with its Health and Safety Plan and all applicable Federal, state, and local laws and regulations and EPA facility work rules. The contractor shall revise its Health and Safety Plan as needed to assure that all requirements specified above are addressed.

Deliverables: The contractor shall submit to the Contracting Officer (CO), PO, and TOPO an SOP for tracking activities under this task with the TO Work Plan for EPA approval.

The contractor shall submit to the PO and TOPO weekly reports of the status of tasks and costs under this TO.

The contractor shall submit to the PO and TOPO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO. The contractor shall submit to the PO and TOPO any revisions to its QMP and QAPP, in accordance with task requirements and TDFs issued by EPA.

The contractor shall submit to the PO and TOPO a Health and Safety Plan within the time frame specified in the approved Work Plan for this TO.

Task 2: Environmental Sample Analysis:

The contractor shall prepare and/or analyze environmental samples consisting of a variety of media for chemical contaminants including, but not limited to, pesticides/PCBs, volatiles and semivolatile organic compounds; cyanide, metals, nutrients and other inorganic analytes.

Attachment One is an estimate of the number of samples and analytes that will require preparation and/or analysis, site visits etc. For this TO the contractor shall provide the work plan, costs, etc. for **Water** estimates only.

The TOPO shall assign the analysis of each batch of samples covering a specific project and other analytical support activities through the issuance of a TDF. The TDF will specify the number and identity of samples requiring analysis, the analytical methodologies to be used and a schedule for analysis and submission of deliverables.

The Contractor shall perform the following activities in accordance with the U.S. EPA, Region IV Environmental Investigations Branch Standard Operating Procedures and Quality Assurance Manual, dated January 1997, (<http://www.epa.gov/region4/sesd/eisopqam/eisopqam.html>) the U.S. EPA, Region IV Analytical Support Branch Operations and Quality Control Manual, dated August 2000, (<http://www.epa.gov/region4/sesd/asbsop/asbsop.html>), or any and all revisions of the guidance, and other guidance documents stated in this TO. The guidelines above are available through the Internet at the following address: http://www.epa.gov/region4/sesd/sesdpub_guidance.html.

The contractor shall perform all extractions, analyses and data reductions of assigned samples in conformance with specified SOPs and TDF requirements. During all analytical steps, the contractor shall comply with all quality assurance requirements, including the maintenance of quality control measurements, as specified in the applicable SOPs. The contractor shall also prepare all analytical standards required for the sample analysis.

The contractor shall maintain logbooks and worksheets in accordance with good laboratory practices and complete all documents and recordings as required by the analytical SOP. The contractor shall archive sample extracts in the designated areas, upon completion of the analysis of each batch of samples, and archive the data on electronic media, when required by storage capacity, in accordance with the appropriate SOPs.

The contractor shall track the progress of completion of each analytical project by updating the QA/QC status of the samples in the Region 4 Laboratory Information Management System (R4LIMS) to track sample preparation (number of samples), analysis and data reduction and submission of deliverables.

The contractor shall perform other analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment. These activities include the analysis of performance evaluation and other QA-related samples; the evaluation of instrumentation, software, and methodologies; the review, preparation or revision of analytical SOPs; and other analytical-related support tasks.

Deliverables: The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other analytical support activities; in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and also enter the data into R4LIMS. Included in the package is the cover letter for each report to the TOPO or as designated in the TDF.

Task 3: Biological Support:

The contractor shall perform the following biological activities listed in **B. Biological Support:** of the contract SOW in accordance with the U.S. EPA Region IV Ecological Support Branch Standard Operating Procedure Manual, January 2000, and Region IV Standard Operating Procedures for Toxicity Testing Hazardous Waste Assessments, May 1992, Rapid Bioassessment Protocols for Use in Wadeable Streams and Rivers, Second Edition, 841-B-99-002, and Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Water, EPA/600/4-90/030, November 1990.

The contractor shall perform all analyses and data reductions of assigned samples in conformance with specified SOPs and TDF requirements. During all analytical steps, the contractor shall comply with all quality assurance requirements, including the maintenance of quality control measurements, as specified in the applicable SOPs.

The contractor shall provide acute and chronic toxicity tests with Ceriodaphnia, fathead minnows, lettuce, earth worms, amphipods, algal, Microtox, and/or other organisms on samples collected at specified sites. Perform activities necessary for the culturing and maintenance of biological test organisms to assure an adequate, viable supply of the organisms for biological/microbiological testing at the EPA regional laboratories. The contractor shall obtain new test organisms in order to maintain existing laboratory cultures. Perform culturing activities in accordance with established, approved or regulated methodologies and laboratory SOPs specified in the TO or through TDFs. Collect bioassay samples and/or organisms at specified sites. Perform on-site toxicity testing, algal growth potential and other bioassessment procedures, or endangered species assessments.

The contractor shall develop documents for screening assessments, problem formulation sampling and analysis plans and quality assurance project plans and risk characterizations for ecological risk assessment.

The contractor shall collect biological samples such as mussels, crabs, fish, reptiles and amphibians and shall perform rapid bioassessments per U.S. EPA 841-B-99-002 and Region 4 SOP. In-conjunction with the rapid bioassessment the contractor shall conduct habitat evaluations. The contractor shall perform sorting, taxonomic identification and enumeration of macro invertebrates and fish species. This would also include sample processing such as tissue homogenization and sample shipping.

The contractor shall conduct on-site field sampling, hydrological, cross sectional measurements, geomorphological and sediment sampling, such as suspended and bed load sediment sampling, riparian habitat assessments at specified sites. Measurement of GPS coordinates shall be collected at all sites. The contractor shall provide analysis of soils/sediments for particle size analysis, total organic and inorganic matter, total organic carbon and other physical/chemical parameters as issued in the TDF.

The contractor shall develop and implement a site work plan detailing required field activities, including sample collection and testing, test organism identification and examination, sample preparation and packaging, chain-of custody requirements, and decontamination procedures per the TO or as issued in the TDF.

The contractor shall perform other analytical/biological support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment.

The contractor shall provide for data entry of results into R4LIMS or other spreadsheets or databases as according to instructions in the SOPs or SOPs.

Deliverables:

The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other biological support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF. The contractor shall submit any revised SOPs with the test report.

The contractor shall perform the culturing and maintenance of biological test organisms including QC to assure an adequate, viable supply of the organisms for biological testing at the EPA regional laboratory. The contractor shall obtain new test organisms in order to maintain existing laboratory cultures.

The contractor shall provide for the sites the following as specified in the TDF:

1. Periphyton pigment diversity and AI collections.
2. Benthic macroinvertebrate collections.
3. fish RBP data and voucher specimens.
4. fish and aquatic species collections for metals and organic analysis.
5. water samples for nutrient and AGPT analyses.
6. habitat evaluations and stream geomorphology measures.
7. In-situ water quality measurements.

The contractor shall provide taxonomic lists of benthic macro invertebrates and fish species. The contractor shall perform data reduction, analyzes, and tabulation of results according to 1999 (2nd Ed.) RBPs II and V. The contractor shall provide IBIs for macros and, where possible, fish.

The contractor shall provide forms and laboratory log books for all recordings including QA/QC documentation required by the SOPs and TDFs, and daily calibration of laboratory instruments.

The contractor shall provide monthly reports and related QC for Standard Reference Toxicity Tests (chronic and acute). Raw and QC data shall be included in the reports as specified in the SOPs, TOs or TDFs.

Task 4: Field/Warehouse Support.

The contractor shall provide support as listed in **C. Field Analytical Support, Field Warehouse Operations Support**, and pertinent **Task Area III, Analytical Logistical Support** in the contract SOW. The contractor shall perform the following field activities in accordance with the U.S. EPA Region IV Environmental Investigations Standard Operating Procedure Manual, January 1997, or any and all revisions of the guidance:

- Provide decontamination/cleaning of field equipment, analytical instruments, as well as sample container preparation to meet with QA/QC checks and requirements.

- Provide field investigation vehicle loading/unloading support. Receives equipment loadout requests and insures that field sampling and testing equipment is cleaned and prepared for use to meet with QA/QC requirements. Includes maintenance of batteries and battery shed.
- Maintain Field Equipment Center (FEC) in a neat and organized manner and track the inventory of supplies in a computer database for tracking consumables for field projects.
- Provide routine field and laboratory instrument/operator maintenance incidental to other assigned tasks including log in of maintenance and calibration records.
- Setup and perform QC checks to verify calibrations on new field sampling and field analytical equipment to assure that equipment is operating according to vendor specifications, assist in configuring equipment to accomplish field analytical tasks.
- Provide field and analytical support. Conduct pH, DO, turbidity, temperature, conductivity, water level measurements and similar testing and air monitoring. Collect and preserve water, soil/sediment, waste, and leachate samples for subsequent chemical analysis. The contractor shall perform other field analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of field equipment
- Precisely locate and document sampling sites and features at hazardous waste and other sites. GPS coordinates are collected and provided to EPA's GIS Section for inclusion in the GIS program.
- Provide Field Analytical Screening Project (FASP) analysis support. Support will include conducting a variety of organic and inorganic chemical analyses using equipment listed in the SOW Attachments 3, 4, 5. Analytical support may be provided at both fixed and field laboratory sites.
- Provide for operation, management, and maintenance of mobile laboratories listed in the GFP.
- Develop field investigation Work Plan for all support activities and submit to EPA for review and approval as requested in the TDF.
- Process and enter analytical data and its associated location information into a GIS or EMAP environmental system, necessary to display analytical data source maps and tables. Generate source maps using ARCINFO, AUTOCAD, or other commercially available software.
- Generate and/or distribute chain-of-custody documentation, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite);
- Package and ship field samples, including document management, and return coolers.

Frequent travel within Region IV is required. The contractor will coordinate with Project Leaders for transportation to site via GOV or GFP. Site visits may include documentation of field collection efforts, sampling locations, and methodologies to determine if technical comments provided in site-specific work plans are followed and incorporated into subsequent deliverables. The contractor shall prepare detailed records of all such activities. In all instances, the contractor shall identify themselves as employees of ILS/Mantech.

Deliverables: The contractor shall prepare and submit reports associated with the above list of tasks as per **F. Deliverables** in the contract SOW, appropriate regional TO/SOPs or as issued through the TDF. Computer reports will be provided for ordering of consumables and items consumed for field projects.

Task 5: Routine Instrument Maintenance:

The contractor shall perform routine analytical laboratory instrument set up and maintenance activities

required for the analysis of samples assigned under this TO. The TOPO shall assign routine set up and maintenance of instrumentation, not completed in connection with the contractor's analysis of samples, through the issuance of a TDF, which will specify the nature of the tasks and schedule for completion.

Deliverables: The contractor shall prepare and submit a report to the PO and TOPO outlining the activities completed and difficulties encountered for tasks assigned through each TDF within five (5) days of completion.

Task 6: Technology Transfer:

The contractor shall provide information to EPA personnel for the purpose of transferring knowledge of a specific analytical or QA technique or technology obtained in performing work under the ESAT contract, and attend conferences or meetings, in accordance with Task Area V of the contract Statement of Work (SOW). The TOPO will issue TDFs to the contractor specifying the information required and the schedules for completion.

Deliverables: The contractor shall prepare and deliver to the PO and TOPO a summary of information provided under each TDF within five (5) days of completion.

Task 7: Training:

The contractor shall attend vendor-specific training in new technologies or specialty equipment/instruments and other EPA-specific training relating to the analysis of environmental samples, in accordance with Task Area V of the contract SOW. This may include training related to analytical instrumentation, field sampling technology, quality assurance, software or other related material. All training shall be performed only upon prior issuance of a TDF, specifying the nature of and schedule for training.

Task 8: Sample Custodian and File Manager:

The contractor shall perform sample custodial duties at SESD for environmental samples in accordance with the SOPs specified above. The contractor shall receive environmental samples arriving at the laboratory, and upon receipt, log the samples into the R4LIMS and refrigerator/freezer log and store the samples in the appropriate refrigerators, freezers, or shelves. The contractor shall generate and/or distribute chain-of-custody, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite). Tracking, packaging, and shipping samples; and the return of coolers to the FEC will be requested.

The contractor shall meet "all" HAZMAT safety procedures for handling of materials such as alcohol or formalin. The contractor shall perform support activities relating to the disposal of environmental samples in accordance with the Sample Disposition and Disposal SOP in the SHEMP Manual. These activities include the storage of analyzed samples in the appropriate refrigerators, tracking of samples due for disposal, obtaining reports for samples to be disposed of, filing of the sample disposal sheets after sign-off by the site project officer, and notification of designated EPA personnel that samples are ready for disposal.

Deliverables: The contractor shall submit to the PO and/or TOPO completed forms and document inventories, in accordance with HAZMAT SOP requirements.

Task 9: Data Validation:

The contractor shall conduct technical review and validation of analytical data generated through the non-Contract Laboratory Program (CLP), regional laboratory contracts, EPA regional laboratory, potentially responsible parties (PRPs), EPA field contractors, and other sources.

The contractor shall examine the data package to determine if the required data and documentation are present. If information is missing, the contractor shall immediately notify the TOPO, through an interim deliverable listing the information required to complete the data validation. This includes tracking the status of data packages to include due dates, lateness, data validation reports, missing data for samples, PE samples or field QC samples.

The contractor shall perform electronic validation of deliverables (e.g., diskettes, CD ROM) or data packages using (including data packages generated electronically) electronic validation assessment software provided by the EPA, in accordance with the regional SOPs, TO and/or software documentation.

Upon completion of validation, the contractor shall submit the required data validation report(s) to the TOPO within the time frames specified in the TO or TDF. When revisions or corrections are required, data validation documents, marked up Form I's, and/or data packages will be returned to the contractor with written directions indicating the necessary revisions/corrections in accordance with a TDF. The contractor shall make the necessary revisions/corrections and submit the corrected data validation report to the TOPO. The contractor shall update any electronic tracking system if required under the task order. The contractor shall transfer electronic data as specified in the SOW, TO, guidance or TDF.

The contractor shall produce reports summarizing statistical (or mathematically derived) information resulting from data validation and/or data review activities.. The type of information required by such reports shall include the number of samples for which data were rejected, estimated and/or the number of rejected/estimated analytes by fraction (volatiles, semivolatiles, pesticide/PCBs, dioxins, metals, cyanide, or other parameters). The contractor shall specify the reasons for qualification or rejection of analytical data and may be required to provide a statistical or mathematical summary of this information. Several quality indicators such as surrogate recoveries, holding time exceeded, adherence to initial and continuing calibration requirements, contamination issues, accurate identification and quantitation of target analytes, internal standard response factors, temperature/preservation requirements, % moisture content, volatile head space, matrix spike/matrix spike duplicate recoveries and precision, and evaluation of duplicate sample precision may be used to determine, on a mathematical or statistical basis, the overall quality of the analytical data set. To expedite this process, EPA may require the contractor to employ available/existing electronic data assessment TOPOs.

The contractor shall inventory Sample Delivery Group and other data packages for completeness, conduct evidentiary audits, repackage for archival storage, and transport analytical and QA-related data to/from designated records storage facilities in accordance with EPA contract requirements and SOPs at EPA facilities which may include EPA acquired off-site facilities. The contractor will be required to physically lift, move, and transport boxes of data and/or reports to EPA off-site facilities for data storage/archiving purposes as needed. All packages will be inventoried and boxed according to Federal Records Center requirements.

Task 10: Data Entry:

The contractor shall provide manual and/or electronic analytical data entry into R4LIMS and clerical support as required to complete technical and reporting requirements for all data review packages assigned by a TDF. This will include initial data entry and verification.

Task 11: Performance Evaluation (PE) Sample Preparation:

The contractor shall prepare/package samples, ship paperwork for PE spikes and blind blanks for the sampling events as requested in a TDF.

The contractor shall provide documentation and chain-of-custody paperwork for PE samples shipped to specified laboratories as stated in the TO, SOPs or by the TDF.

Deliverables:

The contractor shall submit to the CO, PO, and TOPO SOPs for accomplishing the activities under this task with the TO Work Plan for EPA approval. For all data review tasks, the contractor shall prepare and submit to the TOPO a report, detailing results of the data review. When revisions or corrections are required, the TOPO will return the data package to the contractor with written instructions indicating the necessary revisions/corrections. The contractor shall make the necessary revisions/corrections and re-submit the data package to the TOPO.

The contractor will provide copies of chain-of-custody documentation and shipping information and reports for PE Samples. Other deliverables will be listed in the TDF.

The contractor shall submit to the PO and/or TOPO, for each designated data package, a report of differences and problems in performing the data validation for the evaluation of new or revised functional guidelines, in accordance with schedules specified in TDFs. Original documents shall accompany all revisions.

The contractor shall provide R4LIMS data entry support for completed data packages in a timely manner as specified in the TDFs.

Task 12: Preparation and Review of QA/QC Documents

The contractor shall provide QA/QC technical reviews of documents in accordance with prescribed U.S. EPA Region 4 procedures. Occasional site visits to conduct site assessments and participate in sample collection efforts in support of the ecological risk assessments shall be required. Travel to provide on-site assessment and attend meetings concerning certain sites may be required.

The contractor shall prepare/review QAPPs and/or sampling and analysis plans for EPA and ESAT conducted projects according to the EPA guidance documents, EPA QA/R-5: EPA Requirements for Quality Assurance Project Plans; EPA QA/G-9: Guidance for the Data Quality Assessment: Practical Methods for Data Analysis; and EPA QA/G-4HW: Guidance for the Data Quality Objectives Process for Hazardous Waste Sites.

The contractor shall provide technical support to EPA in the review, development, and/or revision of QA-related documents as specified in TDFs. These documents may include SOPs, procedural documents, scopes of work, operating guidelines, analytical summaries and tables, functional guidelines, and data validation manuals.

The contractor shall conduct scientific and technical review on EPA SOPs, manuscripts, data compilations, review articles, technical papers prepared for journal publication, and scientific/technical products.

The contractor shall provide evaluation of specialized computer systems to be utilized to perform or support task-related activities, such as loading existing analytical data into EPA supplied software and generating reports or conducting electronic data assessments/validation.

The contractor may be tasked to provide review and assessment of field screening and fixed laboratory conformational data and split sampling data to determine data comparability.

The contractor shall perform data review for the regional data validation oversight program.

The contractor shall provide technical support to the EPA in the review of non-CLP, PRP, and state laboratory performance in the analysis of samples for EPA environmental programs and in the review of PRP, state, and field contractor performance of field sampling/analytical activities. This technical support may require the contractor to review and track applicable documents and electronic media to determine if laboratory and/or field activities have been performed in accordance with EPA-approved requirements and specifications. The contractor may be required to provide on-site technical support to EPA at designated laboratories or sites.

Deliverables:

Critical technical review of documents that include and relate to the ecological risk assessment for hazardous waste sites as defined in the guidance documents and the TDFs issued by EPA.

The contractor shall prepare and submit to the TOPO the QAPPs or S&A Plans in the format specified in the guidance documents and/or submit findings of the reviews as defined in the TDF.

The contractor shall provide R4LIMS data entry support for completed data packages in a timely manner as specified in the TDFs.

The contractor shall submit to the applicable TOPO and/or project officer (PO) documents prepared and a complete report of its review of documents and data performed under this Task Area, in the format specified. This may require the submission of electronic deliverables, data tables, notes of meetings and site visits, and research materials and/or references. The contractor may be required to summarize document revisions. At times, multiple copies of documents/deliverables may be required. The contractor shall revise and resubmit documents in accordance with EPA requirements specified in the TDF.

ATTACHMENT 1
ESTIMATED NUMBER OF SAMPLES AND ANALYTES

TYPE ANALYSIS	ALL PROGRAMS	ES&A	RCRA	WATER	LOUISVILLE CBEP	TMDL	WADE STREAMS	US FISH	BROAD RIVER	LAKE FISH	KY/MTN TOP
VOA (Prep)	150	100	50								
VOA	150	100	50								
Pest	200	125	50	25							
Pest (DD/TRS)	25	25									
Toxaphene	50	50									
TOTAL ORGANIC	575	400	150	25							
FASP VOA	500	500									
FASP (Pest)	175	175									
FASP (XRF/Niton)	1,103	1,103									
FASP (XRF/Spectrace)	100	100									
FASP (Sulfide)	166	125			41						
FASP (DO)	93	93									
FASP (Fe+2)	97	97									
FASP (Hardness)	7	7									
FASP (Alkalinity)	120	120									
FASP (As, Pb & Hg)	400	400									
FASP (% Moisture)	275	275									
FASP (Digest)	321	321									
TOTAL FASP	3,316	3,316			41						
Metals Digestion	1,105	600	140	300	65						

Percent Moisture	690	475	24	111	LOUISVILLE CBEP	80	WADE STREAMS	US FISH	BROAD RIVER	LAKE FISH	KYMTN TOP
TYPE ANALYSIS	ALL PROGRAMS	USARA	RCRA	WATER		TMDL					
Mercury	669	414	82	89			73	11			
Cyanide	10	10									
Turbidity	100	75		25							
Phosphorus	125	25		100							
Ammonia (distilled)	102			102							
Ammonia (analyzed)	165	23		142							
TCLP	70		70								
pH for TCLP	70		70								
Blind Blanks	20	20									
Dry & Grind	690	475	24	111		80					
Sulfide	15					15					
TKN (Prep)	97	29		55		13					
Pipette Checks	71	71									
Nitrate-Nitrite Prep	55			55							
Nitrate-Nitrite Analysis	110	25		85							
Hexavalent Chromium	6			6							
Sample Disposal	2,352	2,352						11			
TOTAL INORGANIC	2,352	2,352	410	181	65	188	73	11			
TOTAL AIR	2,352	2,352	410	181	392	392	392	392			
Biology Field Recon Site Visits	13					13	100				

Macroinvertebrate Sorting and ID	46			16		13	100		2		15
Toxicity Testing	50	30						20			
Bioaccumulation Studies	30	30									
Ecological Risk Assessments (sites)	3	3									
Biological Collections (Sites)	69	30				2	115	2	2	18	15
# of Sites for Field Reagent Preparation	10			8		2	2				
TOTAL BIOLOGY	221	93	24	24	30	30	22	4	4	18	30
Site Sediment Characterization	36	30							6		
Mercury Analysis	30	30									
TSS Analysis	381		47		194				140		
Bedload/PSA	350	30	57		123				140		
Ortho Phosphorus	10				10						
Ash-free Dry Weight	124	30	32		62						
Total Dry Weight	202	30	32						140		
Samples Prepared	52	30					22				
TYPE ANALYSIS	ALL PROGRAMS	SARA	RCRA	WATER	LOUISVILLE CBEU	TMDL	WADE STREAMS	US FISH	BROAD RIVER	LAKE FISH	KY MTN TOP
Organic/Inorganic Content	202	30		32					140		
Volatile Solids Prep	30	30									
TOC/TC	322	30		38		114			140		
NTU	299					159			140		

[illegible]

**Attachment 1
Data Review**

DATA REVIEW	ALL PROGRAMS	SARA	RCRA	WATER	LOUISVILLE CBEP	TMDL	WADE STREAMS	US FISH	BROAD RIVER	LAKE FISH	KEY MTN TOP
Inorganic Samples	6,735	5,029	283	165		1,200	58				
Organic Samples	4,406	4,186	220								
Low Concentration Organic	500	500									
Dioxin Samples	310	310									
TOTAL SAMPLES REVIEWED	11,951	10,025	503	165		1,200	58				
Samples Entered	8,789	8,466	323								
Samples Verified	9,965	9,420	545								
Organic Evidentiary Audits	336	329	7								
Inorganic Evidentiary Audits	308	281	21	3		2	1				
Other Evidentiary Audits	27	26	1								
Records Retrieved	10	10									
TOTAL DATA ENTRY/AUDITS	19,435	18,532	897	3		2	1				

Attachment 1
Risk Assessment

RISK ASSESSMENT	ALL PROGRAMS	SAR	RCR	WATER	LOUISVILLE CBEP	TWIDE	WADE STREAMS	US FISH	BROAD RIVER	BLAKE FISH	LYNN TOP
Documents Reviewed	58	55	3								
Site Visits	6	5	1								
QAPP Reviews	15	15									
Sampling & Analysis Plan Reviews	0										
Data Reviews for Data Validation Oversight	35	20	10	5							
QA Document Reviews (SOP's, Scope of Work, Etc.)	10	10									
Technical Support for Lab or Field Reviews	5	5									
TOTAL RISK ASSESSMENTS	129	110	14	5							

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0006	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 9
		10B. DATED (SEE ITEM 13) 02/05/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
In accordance with contractor proposals per modifications 0001 through 0005 and the initial Task Order, the total subcontractor consent ceiling is \$268,379.00.
All other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED AUG 28 2002
(Signature of person authorized to sign)			

Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0009, Mod: 0006

Summary Information

Title: Southeast Wadeable Stream Regional REMAP
Period of Performance: From: 02/05/01
To: 08/31/02
Award Date: 02/05/01
Total Funding: \$344,450.00

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - XN1093	Estimated Cost	
	Fixed Fee	
Total:		\$3,700.00
FY2000 - XN3140	Estimated Cost	
	Fixed Fee	
Total:		\$6,000.00
FY2001 - XN2684	Estimated Cost	
	Fixed Fee	
Total:		\$200,000.00
FY2001 - XQ8C72	Estimated Cost	
	Fixed Fee	
Total:		\$96,145.00
FY2002 - XN4728	Estimated Cost	
	Fixed Fee	
Total:		\$38,605.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Attachments

The following item(s) have been added:

Attachment Name

Subcontractor Consent

Subcontractor Consent

Contract: 68-W-01-009, Task Order: 0009, Mod: 0006

NAME	TYPE	AMOUNT
Mantech Envir	CPFF	\$268,379.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0005	3. EFFECTIVE DATE 04/25/02	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10159		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 9
		10B. DATED (SEE ITEM 13) 02/05/01

CODE FACILITY CODE	11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
--------------------	---

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) See the section, Accounting/Appropriation Data, in the attachment on Page 2.
--

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	FAR 43.202
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.
--

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) In accordance with the contractor's proposal this modification increases the ceiling by \$13,894.00 for the completion of 63 samples; increases hours by 338 for a new total of 7,486 LOE hours; adds \$2,485.10 of additional funds to fully fund this Task Order; and extends the Period of Performance to 8/31/02.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED APR 25 2002

Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0009, Mod: 0005

Lead PR Number: PR-R4-02-10159

Summary Information

Title: Southeast Wadeable Stream Regional REMAP
Period of Performance: From: 02/05/01
To: 08/31/02
Award Date: 02/05/01
Total Funding: \$344,450.00

Summary Changes

The Task Order Ceiling has changed from 330556 to 344450.

The anticipated expiration date has changed from 04/30/02 to 08/31/02.

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
XN4728	02	C	26XN0NN	80101F	00000000		2532	\$16,379.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - XN1093	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$3,700.00
FY2000 - XN3140	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$6,000.00
FY2001 - XN2684	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$200,000.00
FY2001 - XQ8C72	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$96,145.00
FY2002 - XN4728	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$38,605.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Attachments

Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0009, Mod: 0005

Lead PR Number: PR-R4-02-10159

The following item(s) have been modified:

Attachment Type

Hours and Fee Billing

Subcontractor Consent

The following item(s) have been modified:

Name	Type	Amount
-----	-----	-----
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$12,388.00

Totals

The following item(s) have been modified:

Category	From Amount	To Amount	Difference
-----	-----	-----	-----
Estimated Cost	Redacted		
Fixed Fee	Exemption 4, CBI		

Hours and Fee Billing

Contract: 68-W-01-009, Task Order: 0009, Mod: 0005

Lead PR Number: PR-R4-02-10159

This is a cost reimbursable completion type order. Modification 5 to Task Order 0009 adds 338 LOE hours, for a total of 7,486 LOE hours.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE 02/07/02	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10103		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 9 10B. DATED (SEE ITEM 13) 02/05/01	
CODE FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		
<p><input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.</p> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>				
12. ACCOUNTING AND APPROPRIATION DATA (If required) See the section, Accounting/Appropriation Data, in the attachment on Page 2.				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A			
X	FAR 43.202			
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
	D. OTHER (Specify type of modification and authority)			
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) In accordance with contractor's proposal this modification increases ceiling by \$22,226.00 for 80 additional sampling sites (see attached SOW); increases hours by 440 for a new total of 7,148 LOE hours.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		CHARLES K. HAYES		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)				<i>Charles K. Hayes</i> (Signature of Contracting Officer)
				16C. DATE SIGNED FEB 11 2002
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE				

Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0009, Mod: 0004

Lead PR Number: PR-R4-02-10103

Summary Information

Title: Southeast Wadeable Stream Regional REMAP
Period of Performance: From: 02/05/01
To: 04/30/02
Award Date: 02/05/01
Total Funding: \$328,071.00

Summary Changes

The Task Order Ceiling has changed from \$302,145.00 to \$330,556.00

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
XN4728	02	C	26XN0NN	80101F	00000000		2532	\$22,226.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - XN1093	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$3,700.00
FY2000 - XN3140	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$6,000.00
FY2001 - XN2684	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$200,000.00
FY2001 - XQ8C72	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$96,145.00
FY2002 - XN4728	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$22,226.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0009, Mod: 0004

Lead PR Number: PR-R4-02-10103

Attachments

The following item(s) have been modified:

Attachment Type

Hours and Fee Billing

The following item(s) have been added:

Attachment Type

Southeast Wadeable Streams Additional Work

Subcontractor Consent

The following item(s) have been modified:

Name	Type	Amount
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$20,036.00

Totals

The following item(s) have been modified:

Category	From Amount	To Amount	Difference
Estimated Cost		Redacted	
Fixed Fee		Exemption 4, CBI	

Hours and Fee Billing

Contract: 68-W-01-009, Task Order: 0009, Mod: 0004

Lead PR Number: PR-R4-02-10103

This is a cost reimbursable completion type order. Modification 4 to Task Order 0009 adds 440 LOE hours, for a total of 7,148 LOE hours.

Southeast Wadeable Streams Additional Work

Contract: 68-W-01-009, Task Order: 0009, Mod: 0004

Lead PR Number: PR-R4-02-10103

February 4, 2002 (10:36 AM)

Statement of Work
South East Wadeable Stream Regional REMAP
Task Order No. 009, Mod #4
Analytical Support
Period of Performance 2/01/2001 - 4/30/2002

PURPOSE

The purpose of this modification is to request additional services for the Wadeable Streams Task Order (TO) 9. The requested analytical, field, biological and QA/QC support to the Science and Ecosystem Support Division (SESD) is covered in the original SOW for Task Order 9. The contractor shall perform and provide field/laboratory support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) Task Area I, Analytical Services, Task Area II, Data Review Support, Task Area III, Analytical Logistical Support and Task Area IV, QA/QC Support.

STATEMENT OF WORK

The contractor shall conduct a Phase I property identification for 80 additional sampling sites. The request includes the search at local courthouses, by phone, if necessary, to prepare letters to the landowners for access permission to sample the stream sites. Owners shall be contacted for the permission. The period of performance for this task order was extended from 2/01/2001 - 1/31/2002 to 4/30/2002 in Mod # 3R to the original Task Order. The contractor shall provide support to EPA at the Agency's regional laboratory facilities and at the specified field locations using field based analytical methods as specified in the original TO #9 SOW dated January 26, 2001, and signed by the Contracting Officer on February 5, 2001. All work will be performed according to the previous SOP's.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0003 R	3. EFFECTIVE DATE 09/27/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-01-10502	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 9	
			10B. DATED (SEE ITEM 13) 02/05/01	
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A FAR 43.202
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

In accordance with contractor's proposal this modification increases ceiling by \$6,185 for 30 additional sampling sites (see attached SOW); increases period of performance to 4/30/02; increases hours by 120 to new total of 6,708 LOE hours;

This modification 0003 R replaces mod 0003 in its entirety

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Sam Jamison</i> (Signature of Contracting Officer)	16C. DATE SIGNED 9-28-01
(Signature of person authorized to sign)			

Sam Jamison 9-28-01

Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0009, Mod: 0003 *R*

Summary Information

Title: Southeast Wadeable Stream Regional REMAP
Period of Performance: From: 02/05/01
To: 04/30/02
Award Date: 09/27/01
Total Funding: \$305,845.00

Summary Changes

The Task Order Ceiling has changed from \$302,145.00 to \$308,330.00

Accounting/Appropriation Data

DCN	BYFS	Appr.#	Org.	Program Element	Site/ Project	Cost Org.	Obj. Class	Amount	P / C
XN1093	00	C	26XNONN	80101F	0000000	0000	2532	\$3,700.00	P

Funding Breakout

Acct. Info.	Funding Category	Amount	Redacted Exemption 4, CBI
FY2000 - XN3140	[M] Estimated Cost [M] Fixed Fee		
Total:		\$6,000.00	
FY2001 - XN2684	[M] Estimated Cost [M] Fixed Fee		
Total:		\$200,000.00	
FY2001 - XQ8C72	[M] Estimated Cost [M] Fixed Fee		
Total:		\$96,145.00	

FY2001 - XN1093

[M] Estimated Cost
[M] Fixed Fee

**Redacted
Exemption 4, CBI**

Total:

\$3,700.00

The following items have been modified:

<u>Category</u>	<u>From Amount</u>	<u>To Amount</u>	<u>Difference</u>
Estimated Cost Fixed Fee	Redacted Exemption 4, CBI		

Hours Increased by Mod 3

Modification 3 to Task Order #9 adds 120 LOE hours, for a total of 6,708 LOE hours.

Attachment

Revised Statement of Work increasing the number of sampling sites by an additional 30.

September 6 2001 (2:44PM)

Statement of Work

South East Wadeable Stream Regional REMAP

Task Order No. 009 Mod # 3

Analytical Support

Period of Performance 2/01/2001 - 4/30/2002

PURPOSE

The purpose of this modification is to request additional services for the Wadeable Streams Task Order (TO) 9. The requested analytical, field, biological, and QA/QC support to the Science Ecosystem Support Division (SESD) is cover in the original SOW for Task Order 9. The contractor shall perform and provide field/laboratory support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) Task Area I, Analytical Support, Task Area II, Data Review Support, Task Area III: Analytical Logistical Support and Task Area IV, QA/QC Support.

STATEMENT OF WORK:

The contractor shall conduct a Phase I property identification for 30 additional sampling sites. The request includes the search at local court houses, by phone if necessary, to prepare letters to landowners for access permission to sample the stream sites. Owners shall be contacted for the permission. The period of performance shall be extended from 2/1/2001 - 1/31/2002 to 4/30/2002. The contractor shall provide support to EPA at the Agency's regional laboratory facilities and at the specified field locations using field based analytical methods as specified in the original TO #9 SOW dated January 26, 2001, and signed by the Contracting Officer, February 5, 2001. All work will be performed according to the previous SOPs.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 07/26/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-01-10502	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 9
		10B. DATED (SEE ITEM 13) 02/05/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

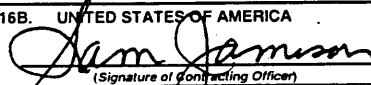
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Adds \$25,495 in incremental funding for SE Wadeable Stream, and \$70,650 for NC Coastal Assessment.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 7-26-01

Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0009, Mod: 0002

Lead PR Number: PR-R4-01-10502

Summary Information

Title: Southeast Wadeable Stream Regional REMAP
Period of Performance: From: 02/05/01
To: 01/31/02
Award Date: 02/05/01
Total Funding: \$302,145.00

Summary Changes

The Task Order Ceiling has changed from 231495 to 302145.

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
XQ8C72	01	C	26XQ0NN	80101F	00000000		2532	\$96,145.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - XN3140	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$6,000.00
FY2001 - XN2684	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$200,000.00
FY2001 - XQ8C72	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$96,145.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Attachments

The following item(s) have been modified:

Attachment Type

Hours

Totals

Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0009, Mod: 0002

Lead PR Number: PR-R4-01-10502

The following item(s) have been modified:

Category	From Amount	To Amount	Difference
Estimated Cost		Redacted	
Fixed Fee		Exemption 4, CBI	

Hours

Contract: 68-W-01-009, Task Order: 0009, Mod: 0002

Lead PR Number: PR-R4-01-10502

This is a cost reimbursable completion type order. Modification 2 to Task Order 0009 adds 1,308 LOE hours, for a total of 6,588 LOE hours.

Analytical Support for the Coastal 2001 - North Carolina Project SOW

Contract: 68-W-01-009, Task Order: 0009, Mod: 0002

Lead PR Number: PR-R4-01-10502

July 25, 2001 (2:26PM)

Statement of Work

Task Order No. 009

Analytical Support for the Coastal 2001 - North Carolina Project

Period of Performance 7/24/2001 - 1/31/2002

PURPOSE

The purpose of this modification is to request additional services for the National Coastal Assessment (NCA) - North Carolina Year 2001 Coastal Environmental Monitoring Program under Task Order (TO) 9 provided through a buy-in from EPA National Health and Environmental Effects Research Laboratory, Gulf Breeze, Florida. The requested analytical, field, biological, data review/data entry and QA/QC support to the Science Ecosystem Support Division (SESD) is covered in contract Statement of Work (SOW) and in the description of services for the original Task Order 9. The contractor shall perform and provide field/laboratory support services to the EPA Region 4 or other government entities under the provisions of the contract SOW Task Area I, Analytical Support, Task Area II, Data Review Support, Task Area III: Analytical Logistical Support and Task Area IV, QA/QC Support.

STATEMENT OF WORK:

The contractor shall provide analytical chemistry, biological, field sampling and data reduction support to EPA at the Agency's regional laboratory facilities and at 35 specified field locations using field based analytical methods as specified in the original TO #9 task descriptions, the NCA Field Operations Manual June 2001 and the NCA Quality Assurance Project Plan 2001-2004 (QAPP). The Field Manual describes the number of samples, types of analysis and procedures to be conducted at the 35 specified field locations and/or Regional laboratory. The Field Operations manual and QAPP were provided to the contractor in electronic form.

All NCA 2001 hours and costs will be separately identified and tracked, but invoiced with the TO # 9 invoices. Deliverables are specified in the original SOW, the field Operations Manual or as identified in the technical direction form as issued.

The contractor shall conduct field measurements for pH, salinity, dissolved oxygen, temperature, light penetration measurements, and collect water column samples, sediment and biota samples. The task shall include sample preservation, filtration for chlorophyll and nutrients, collection of fish and benthic macroinvertebrates, and identification of fish species and chain-of-custody, packaging and shipping per the Field Operations Manual. The contractor shall enter all data in electronic form and provide verification. The contractor shall adhere to all Region 4's quality assurance and SEMP procedures.

The contractor shall provide labor, maintain all field/laboratory equipment, consumables, related laboratory/field supplies including boat fuel and docking costs, and ship all samples and material necessary to accomplish the task order. The equipment listed below will be provided by the contractor from the list of suggested supplies and equipment in Appendix A of the Field Operations Manual.:

Coolers for shipping dry ice
Bubble wrap for shipping
GF/F filters
filter forceps
60 cc Nalgene bottles for nutrients (3 per station)
1-L Nalgene for TSS & benthic samples (6 per station)
Dry ice for freezing samples

Analytical Support for the Coastal 2001 - North Carolina Project SOW

Contract: 68-W-01-009, Task Order: 0009, Mod: 0002

Lead PR Number: PR-R4-01-10502

500 cc glass jars for organics (Ichem pre-cleaned)

125 cc glass jars for TOC (Ichem pre-cleaned)

4-L HDPE jar for toxicity (pre-cleaned)

borax

Timers

Taxonomy keys for fish of North Carolina

cheesecloth

Large ziplock bags for fish composites

Onion bags

Containers (metal tubs) for sediment washing

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 05/18/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-01-10446		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 9 10B. DATED (SEE ITEM 13) 02/05/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.


13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
Incremental funding of \$6,000.00

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 5-18-01

Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0009, Mod: 0001

Lead PR Number: PR-R4-01-10446

Summary Information

Title: Southeast Wadeable Stream Regional REMAP
Period of Performance: From: 02/05/01
To: 01/31/02
Award Date: 02/05/01
Total Funding: \$206,000.00

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P /
XN3140	00	C	26XN0NN	80101F	00000000		2532	\$6,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2000 - XN3140	Estimated Cost	
	Fixed Fee	
Total:		\$6,000.00
FY2001 - XN2684	Estimated Cost	
	Fixed Fee	
Total:		\$200,000.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

ORDER FOR SUPPLIES OR SERVICES						PAGE OF PAGES
IMPORTANT: Mark all packages and papers with contract and/or order numbers.						
1. DATE OF ORDER 02/05/01		2. CONTRACT NO. (If any) 68-W-01-009		3. ORDER NO. 00009		4. REQUISITION/REFERENCE NO. PR-
5. ISSUING OFFICE (Address correspondence to) U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303				6. SHIP TO: (Consignee and address, ZIP Code) Mike Birch TOPO 800 College Station Road ATHENS, GA 30606		
7. TO: CONTRACTOR (Name, address and ZIP Code) INTEGRATED LABORATORY SYSTEMS, INC. P. O. Box 13501 Research Triangle Park, NC 27709				8. TYPE OF ORDER <input type="checkbox"/> A. PURCHASE — Reference your _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. This purchase is negotiated under authority of: <input checked="" type="checkbox"/> B. DELIVERY — Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.		
9. ACCOUNTING AND APPROPRIATION DATA See Attached				10. REQUISITIONING OFFICE Same as Block 6		
11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> OTHER THAN SMALL <input type="checkbox"/> DIS-ADVANTAGED <input type="checkbox"/> WOMEN-OWNED				12. F.O.B. POINT Same as Block 6		
13. PLACE OF INSPECTION AND ACCEPTANCE Same as Block 6				14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)
						16. DISCOUNT TERMS N/A
17. SCHEDULE (See reverse for Rejections)						
ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	See Attached					
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(H). TOT. (Cont. pages)
21. MAIL INVOICE TO. (Include ZIP Code)		Environmental Protection Agency Research Triangle Park Financial Management Cntr. (Mail Code MD-32) Research Triangle Park, NC 27711				17(I). GRAND TOTAL
22. UNITED STATES OF AMERICA BY (Signature)				23. NAME (Typed) SAM JAMISON		

January 26, 2001 (6:18PM)

**Statement of Work
Task Order No. 009
South East Wadeable Stream Regional REMAP
Period of Performance 2/1/2001 - 1/31/2002**

PURPOSE

The purpose of this Task Order (TO) is to provide through a buy-in analytical, biological field sampling, data review/data entry support to the EPA Region 4 Science Ecosystem Support Division (SESD). The contractor shall perform and provide support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) **Task Area I, Analytical Support, Task Area III: Analytical Logistical Support and Task Area IV**. See Table 1 for Region 4's expected number of requests for each Task listed below.

STATEMENT OF WORK:

The contractor shall provide analytical chemistry, biological, field sampling and analytical support to EPA at the Agency's regional laboratory facilities and at specified field locations.

The contractor shall comply with all SESD SHEMP health and safety, environmental, waste handling and other applicable SESD work rules while conducting on-site or off-site functions. The contractor shall also follow Good Automated Laboratory Practices for all analytical work required by this TO. Upon issuance of this TO, the Task Order Project Officer (TOPO) will provide the contractor with applicable requirements. The contractor shall become familiar with all applicable standard operating procedures (SOPs) referenced in and accompanying the TO.

The contractor shall notify the TOPO immediately if it encounters any equipment failure that cannot be readily remedied by the contractor or technical problems that may impact the quality or on-time delivery of deliverables, or if any required equipment or supplies are unavailable to accomplish required work under this TO.

Task 1: Task Order Management:

The contractor shall track the status of tasks, labor hours and costs for each task under this TO in accordance with the contract Attachment 2, Reports of Work Page 2-1 of 5 and a SOP to be submitted by the contractor for EPA approval. Program management costs shall be broken out from other costs in the financial report. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with weekly reports of the above-referenced data. The initial report shall be in a format proposed by the contractor. EPA will review the initial report and specify changes for subsequent reports through the issuance of a Technical Direction Form (TDF).

The contractor shall track the status of tasks, labor hours and costs for each task under this TO, including each site-specific project, in accordance with an SOP to be submitted by the contractor for EPA approval. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with weekly reports or as agreed upon of the above-referenced data. The initial report shall be in a format proposed by the contractor. EPA will review the initial report and specify changes for subsequent reports through the issuance of a Technical Direction Form (TDF).

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly

basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this TO through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate and complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall implement its quality assurance program in accordance with its EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2. The contractor shall prepare a Quality Assurance Project Plan (QAPP) according to the requirements outlined in EPA QA-R5 for activities under this TO involving environmental measurements within the time frames specified in the approved Work Plan for this TO. The contractor shall revise its QMP and QAPP in accordance with task requirements or as required by EPA through the issuance of a TDF.

The contractor shall implement a health and safety program in accordance with its Health and Safety Plan and all applicable Federal, state, and local laws and regulations and EPA facility work rules. The contractor shall revise its Health and Safety Plan as needed to assure that all requirements specified above are addressed.

Deliverables: The contractor shall submit to the Contracting Officer (CO), PO, and TOPO an SOP for tracking activities under this task with the TO Work Plan for EPA approval.

The contractor shall submit to the PO and TOPO weekly reports of the status of tasks and costs under this TO.

The contractor shall submit to the PO and TOPO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO. The contractor shall submit to the PO and TOPO any revisions to its QMP and QAPP, in accordance with task requirements and TDFs issued by EPA.

The contractor shall submit to the PO and TOPO a Health and Safety Plan within the time frame specified in the approved Work Plan for this TO.

Task 2: Environmental Sample Analysis:

Table 1, Phase III is an estimate of the number of samples that will require preparation and/or analysis for the Wadeable Streams buy-in.. For this TO the contractor shall provide the staffing plan, costs, hours etc for the Wade Streams estimates only. The contractor will provide analyses for 80 total organic carbon, periphyton pigment and chlorophyll A samples. The contractor shall perform all extractions, analyses and data reductions of assigned samples in conformance with specified SOPs and TDF requirements. During all analytical steps, the contractor shall comply with all quality assurance requirements, including the maintenance of quality control measurements, as specified in the applicable SOPs. The contractor shall also prepare all analytical standards required for the sample analysis.

The TOPO shall assign the analysis of each batch of samples covering a specific project and other analytical support activities through the issuance of a TDF. The TDF will specify the number and identity of samples requiring analysis, the analytical methodologies to be used and a schedule for analysis and submission of deliverables.

The Contractor shall perform the following activities in accordance with the U.S. EPA, Region IV Environmental Investigations Branch Standard Operating Procedures and Quality Assurance Manual, dated January 1997, (<http://www.epa.gov/region4/sesd/eisopqam/eisopqam.html>) the U.S. EPA, Region IV Analytical Support Branch Operations and Quality Control Manual, dated August 2000, (<http://www.epa.gov/region4/sesd/asbsop/asbsop.html>), or any and all revisions of the guidance, and other guidance documents stated in this TO. The guidelines above are available through the Internet at the following address: http://www.epa.gov/region4/sesd/sesdpub_guidance.html.

The contractor shall maintain logbooks and worksheets in accordance with good laboratory practices and complete all documents and recordings as required by the analytical SOP. The contractor shall archive sample extracts in the designated areas, upon completion of the analysis of each batch of samples, and archive the data on electronic media, when required by storage capacity, in accordance with the appropriate SOPs.

The contractor shall track the progress of completion of each analytical project by updating the QA/QC status of the samples in the Region 4 Laboratory Information Management System (R4LIMS) to track sample preparation (number of samples), analysis and data reduction and submission of deliverables.

The contractor shall perform other analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment. These activities include the analysis of performance evaluation and other QA-related samples; the evaluation of instrumentation, software, and methodologies; the review, preparation or revision of analytical SOPs; and other analytical-related support tasks.

Deliverables: The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other analytical support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF.

Task 3: Biological Support:

The contractor shall perform the biological support on the basis of **B. Biological Support:** of the contract SOW in accordance with the U.S. EPA Region IV Ecological Support Branch Standard Operating Procedure Manual, January 2000, Rapid Bioassessment Protocols for Use in Wadeable Streams and Rivers, Second Edition, 841-B-99-002, and Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Water, EPA/600/4-90/030, November 1990.

The contractor shall conduct a Phase I property identification search at local court houses, by phone if necessary, to prepare letters to landowners for access permission to sample the stream sites. Owners shall be contacted for the permission.

Phase II the contractor shall conduct field reconnaissance of all Cycle 2 REMAP sites to which access is granted, locate the sites, determine accessibility for sampling, and determine their eligibility as wadeable permanent streams.

Phase III the contractor shall conduct on-site sampling activities at each site at approximately 80 Cycle 2 REMAP and state eco-regional reference sites: Do RBP sampling for periphyton (pigment diversity and AI), benthic macroinvertebrates, and fish; collect grab samples for nutrient and AGPT analyses; collect fish for mercury analysis; and do rapid stream and riparian habitat assessments. This would also include sample processing such as tissue homogenization and sample shipping. For this TO the contractor shall provide the staffing plan, hours and a cost estimate.

Phase IV the contractor shall perform sample sorting and taxonomic identification of macroinvertebrates and fish species.

The contractor will provide analyses for total organic carbon, periphyton pigment and chlorophyll.

The contractor shall perform other analytical/biological support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment.

The contractor shall provide sample preparation and packaging, chain-of custody requirements, and decontamination procedures per the TO or as issued in the TDF.

The contractor shall perform QA/QC analysis with all the above mentions analytical and field tasks.

Deliverables:

The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other biological support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF. The contractor shall submit any revised SOPs with the test report.

The contractor shall provide from Phase I the address and telephone list of all owners of potential access to each station. The contractor shall prepare letters to landowners for access permission to sample the stream sites, with a map of the site, requesting permission for access. The contractor shall provide file copies of all

documentation (addresses & phone lists, letters, maps, etc).

The contractor shall provide from Phase III sites the following:

1. Periphyton pigment diversity and AI collections.
2. Benthic macroinvertebrate collections.
3. fish RBP data and voucher specimens.
4. fish collections for mercury analysis.
5. water samples for nutrient and AGPT analyses.
6. habitat evaluations and stream geomorphology measures.
7. In-situ water quality measurements.

The contractor shall provide from Phase IV sites taxonomic lists of all benthic macro invertebrates and fish species for each station . The contractor shall perform data reduction, analyzes, and tabulation of results according to 1999 (2nd Ed.) RBPs II and V. The contractor shall provide IBIs for macros and, where possible, fish.

The contractor shall provide forms and laboratory log books for all recordings including QA/QC documentation required by the SOPs and TDFs, and daily calibration of laboratory instruments.

The contractor shall provide monthly reports and related QC for Standard Reference Toxicity Tests (chronic and acute). Raw and QC data shall be included in the reports as specified in the SOPs, TOs or TDFs.

Task 4: Field/Warehouse Support:

The contractor shall provide support as listed in **C. Field Analytical Support, Field Warehouse Operations Support**, and pertinent **Task Area III, Analytical Logistical Support** in the contract SOW. To perform the task described in the TO. The contractor shall perform the field activities in accordance with the U.S. EPA Region IV Environmental Investigations Standard Operating Procedure Manual, January 1997, or any and all revisions of the guidance

Frequent travel within Region IV is required. The contractor will coordinate with Project Leaders for transportation to site via GOV or GFP. Site visits may include documentation of field collection efforts, sampling locations, and methodologies to determine if technical comments provided in site-specific work plans are followed and incorporated into subsequent deliverables. The contractor shall prepare detailed records of all such activities. In all instances, the contractor shall identify themselves as employees of ILS/Mantech.

Deliverables: The contractor shall prepare and submit reports associated with the above list of tasks as per **F. Deliverables** in the contract SOW, appropriate regional TO/SOPs or as issued through the TDF. Computer reports will be provided for ordering of consumables and items consumed for field projects.

Task 5: Routine Instrument Maintenance:

The contractor shall perform routine analytical laboratory instrument set up and maintenance activities required for the analysis of samples assigned under this TO. The TOPO shall assign routine set up and maintenance of instrumentation, not completed in connection with the contractor's analysis of samples,

through the issuance of a TDF, which will specify the nature of the tasks and schedule for completion.

Deliverables: The contractor shall prepare and submit a report to the PO and TOPO outlining the activities completed and difficulties encountered for tasks assigned through each TDF within five (5) days of completion.

Task 6: Technology Transfer:

The contractor shall provide information to EPA personnel for the purpose of transferring knowledge of a specific analytical or QA technique or technology obtained in performing work under the ESAT contract, and attend conferences or meetings, in accordance with Task Area V of the contract Statement of Work (SOW). The TOPO will issue TDFs to the contractor specifying the information required and the schedules for completion.

Deliverables: The contractor shall prepare and deliver to the PO and TOPO a summary of information provided under each TDF within five (5) days of completion.

Task 7: Training:

The contractor shall attend vendor-specific training in new technologies or specialty equipment/instruments and other EPA-specific training relating to the analysis of environmental samples, in accordance with Task Area V of the contract SOW. This may include training related to analytical instrumentation, field sampling technology, quality assurance, software or other related material. All training shall be performed only upon prior issuance of a TDF, specifying the nature of and schedule for training.

Task 8: Sample Custodian and File Manager:

The contractor shall perform sample custodial duties at SESD for environmental samples in accordance with the SOPs specified above. The contractor shall receive environmental samples arriving at the laboratory, and upon receipt, log the samples into the R4LIMS and refrigerator/freezer log and store the samples in the appropriate refrigerators, freezers, or shelves. The contractor shall generate and/or distribute chain-of-custody, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite). Tracking, packaging, and shipping samples; and the return of coolers to the FEC will be requested.

The contractor shall meet "all" HAZMAT safety procedures for handling of materials such as alcohol or formalin. The contractor shall perform support activities relating to the disposal of environmental samples in accordance with the Sample Disposition and Disposal SOP in the SHEMP Manual. These activities include the storage of analyzed samples in the appropriate refrigerators, tracking of samples due for disposal, obtaining reports for samples to be disposed of, filing of the sample disposal sheets after sign-off by the site project officer, and notification of designated EPA personnel that samples are ready for disposal.

Deliverables: The contractor shall submit to the PO and/or TOPO completed forms and document inventories, in accordance with HAZMAT SOP requirements.

Table 1
Estimate of Sites and Analyses

Phase	Sites
I	110
II	~90
III	80
IV	80

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0005	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region 4 Procurement Section, 14th Floor 61 Forsyth Street, SW Atlanta, GA 30303	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 8
		10B. DATED (SEE ITEM 13) 02/12/01
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
N/A


13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The period of performance for the subject task order is hereby extended through 12/31/03.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED JUN 30 2003

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008, Mod: 0005

Summary Information

Title: ORD South Fork Broad River TMDL Support
Period of Performance: From: 02/12/01
To: 12/31/03
Award Date: 02/12/01
Total Funding: \$190,900.00

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - UKE019	Estimated Cost	
	Fixed Fee	
Total:		\$88,935.00
FY2002 - UKE069	Estimated Cost	
	Fixed Fee	
Total:		\$101,965.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

TO Classification

The following changes have occurred:

The Anticipated Expiration Date has changed from 06/30/03 to 12/31/03.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region 4 Procurement Section, 14th Floor 61 Forsyth Street, SW Atlanta, GA 30303	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 8
			10B. DATED (SEE ITEM 13) 02/12/01
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification provides the following administrative corrections: 1) The subcontract consent amount for ManTech is corrected to read \$79,189.00. 2) The last sentence under Attachment #1, Hours and Fee Billing, which states "incremental billing of fixed fee shall be based upon completed TDFs is hereby deleted in its entirety. All other terms and conditions of this task order remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED NOV 7 2002

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008, Mod: 0004

Summary Information

Title: ORD South Fork Broad River TMDL Support
Period of Performance: From: 02/12/01
To: 06/30/03
Award Date: 02/12/01
Total Funding: \$190,900.00

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - UKE019	Estimated Cost	
	Fixed Fee	
	Total:	\$88,935.00
FY2002 - UKE069	Estimated Cost	
	Fixed Fee	
	Total:	\$101,965.00

**Redacted
Exemption 4, CBI**

[M] - Modified
[A] - Added

Subcontractor Consent

The following item(s) have been modified:

Name	Type	Amount
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$79,189.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0003	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10002	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region 4 Procurement Section, 14th Floor 61 Forsyth Street, SW Atlanta, GA 30303	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 8
		10B. DATED (SEE ITEM 13) 02/12/01

CODE	FACILITY CODE
------	---------------

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See the section, Accounting/Appropriation Data, in the attachment on Page 2.

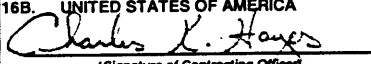
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	FAR 52.243-2 "Changes - Cost Reimbursement ALT I (APR 1984)"
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
This modification adds additional effort in accordance with the attached statement of work for the rain event field sampling study of the South Fork Broad River Watershed. The contract ceiling has increased from \$88,935 by \$101,965 to \$190,900.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED OCT 16 2002

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008, Mod: 0003

Lead PR Number: PR-R4-03-10002

Summary Information

Title: ORD South Fork Broad River TMDL Support
Period of Performance: From: 02/12/01
To: 06/30/03
Award Date: 02/12/01
Total Funding: \$190,900.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	UKE069	02	C	26UK0NN	20203F	00000000		2532	\$101,965.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - UKE019	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$88,935.00
FY2002 - UKE069	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$101,965.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Attachments

The following item(s) have been modified:

Document Hours & Fee Billing was modified.

The following item(s) have been added:

Attachment Name

SOW, MOD #3

Subcontractor Consent

The following item(s) have been modified:

Name	Type	Amount
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$74,966.00

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008, Mod: 0003

Lead PR Number: PR-R4-03-10002

TO Totals

The following item(s) have been modified:

Category	POP	From	By	To
-----	-----	-----	-----	-----
Estimated Cost	Base Pd.	Redacted		
Fixed Fee	Base Pd.	Exemption 4, CBI		

TO Classification

The following changes have occurred:

The Task Order Ceiling has changed from \$88,935.00 to \$190,900.00.

The Anticipated Expiration Date has changed from 01/31/03 to 06/30/03.

Hours & Fee Billing

Contract: 68-W-01-009, Task Order: 0008, Mod: 0003

Lead PR Number: PR-R4-03-10002

This is a cost reimbursable completion type order. The direct labor hours have increased by 2,428 from 3,057 to 5,485. Incremental billing of fixed fee shall be based upon completed TDFs.

SOW, MOD #3

Contract: 68-W-01-009, Task Order: 0008, Mod: 0003

Lead PR Number: PR-R4-03-10002

September 27, 2002

**Statement of Work
Task Order No. 8, Mod # 3
to Provide Additional Support for a Rain Event Sampling Effort
Period of Performance: 10/1/02 - 6/30/03**

Purpose

The purpose of this modification is to request additional services in Task Order 8. Funding will be added to the Task Order to perform the tasks described in the Statement of Work below. The contractor shall perform and provide support services to EPA Region 4 or other Government entities under the provision of the contract Statement of Work (SOW) in Task Area II: Data Review, Task Area III: Analytical/Logistical Support and Task Area IV: QA/QC Support.

Background and Objectives

EPA's Office of Research and Development, National Exposure Research Laboratory, Ecosystems Research Division (ERD) in Athens, GA (Athens-ERD) together, with the Agency's Region 4's Science and Ecosystem Support and Water Management Divisions, have designed and developed a sampling plan for the field study in the South Fork Broad River Watershed (SFBR) of the Broad River Watershed located in the Savannah River Basin for the calculation of Total Maximum Daily Load (TMDL). The study involves the collection of storm event samples at six stream sites for the analysis of bedload and suspended sediment, nutrients (nitrate, ammonia, phosphorus), organic carbon and pathogens (fecal coliforms, *E. coli*, and enterococci). The objective of the SFBR study is to develop sampling protocols and predictive models and to establish a comprehensive database to field test the developed models. These protocols and models will then be applied for calculating the TMDL.

Field Site Name and Location

The following is a brief description of the four high priority stream sampling site names and their locations in the South Fork Broad River Watershed.

SFBR10 - This is the upstream headwater site located south of Ila, GA off highway 106 on old Ila Road. There is an old steel bridge over the South Fork Broad River, located just downstream of the currently used concrete bridge. Sampling is conducted from the old steel bridge using a truck outfitted with a crane system.

SFBR30 - located north of Colbert, GA near a bridge on Highway 172 immediately downstream of the confluence of Brush Creek and South Fork Broad River. Sampling is conducted with a cableway system.

SFBR60 - located on Big Clouds Creek, approximately 800 feet upstream from its confluence with the South Fork Broad River in the Watson Mill Bridge State Park primitive camping area. Sampling is conducted with a cableway system.

SFBR70 - located near the Carlton-Lexington road bridge (near Sandy Cross) over the South Fork Broad River near Carlton, GA. This site is considered the outlet of the South Fork Broad River prior to its entry into Broad River, located about 2 miles downstream. This site is the nearest access point to the Broad River for an established monitoring site. Sampling is conducted with a cableway system.

SOW, MOD #3

Contract: 68-W-01-009, Task Order: 0008, Mod: 0003

Lead PR Number: PR-R4-03-10002

Work Plan

The contractor shall prepare a work plan which includes a detailed cost estimate and staffing plan for storm event sampling at the four high priority stream monitoring sites. The cost estimate shall include a breakdown for: 1). initial startup; and 2). cost per day for collecting bedload and DH-59 depth integrated samples, and approximately 336 grab samples from the four priority stream sites for six (6) days.

Storm Event Sampling

The sampling scheme consists of two automatic ISCO water samplers at each of six stream sites; one sampler collects samples for sediment and one sampler for nutrient/organic carbon analyses. A YSI multi-probe at each of the six sites collects continuous instream data for depth (stage), turbidity, conductivity, temperature, dissolved oxygen, pH, and oxidation reduction potential. A bedload sampler and a DH- 59 depth integrated sampler is used for collecting samples at several points across the stream channel for sediment analysis at the four previously listed sites.

The number of expected rain events (2 inches or greater) to sample during the year is difficult and uncertain to determine based on predictions by the weather service. Based on analysis of historical rainfall data, the number of events producing at least 2-inches for Athens, GA ranges from 3 to 15 with a mean of 12. Most of these events occur between November and June. It is estimated that a maximum number of rain events for sampling from November 2002 to June 2003 would be five.

For each storm event tracked for sampling, Athens-ERD staff will make the call to initiate and stop sampling. The contractor shall provide the staff required to man the four priority stream monitoring sites in the SFBR. A minimum time notice of 24 hour will be provided to the contractor by Athens-ERD in preparation for obtaining sampling teams for each of the sites. After the initial notice, EPA will make the call to the contractor when to mobilize the teams for sampling. After the call for mobilization, the contractor is expected to be at the four high priority stream monitoring sites within two (2) hours.

The contractor shall collect the bedload and DH-59 depth integrated samples at two hour intervals at several established calibration points (5 to 10) across the stream channel. The DH-59 samples shall be individually collected samples and the bedload samples shall be composite from across the stream channel for each sampling time. The contractor shall collect grab samples for pathogens at two hour intervals at mid-stream and mid-depth.

Upon arrival at the field site, the contractor should first determine whether the ISCO sampler has taken a sample. If so, sampling should begin immediately. If not, sample collection should begin after the ISCO starts sampling. The time before ISCO startup can be used at the contractor's discretion for practice sampling. Samples collected during any practice period shall not be kept for analysis. Sampling shall continue round-the-clock at each site during both the rising and falling stages of the runoff hydrograph until the stage falls one half the stage rise and/or turbidity level is 100 NTU's or less. Otherwise sampling will continue at the discretion of EPA staff.

EPA will be responsible for the collection and transport of the ISCO water samples and the YSI multi-probe data. This includes maintenance and setup of YSI multi-probes and ISCO portable samplers before, during and after storm events. EPA will also be responsible for the pick-up and transport of samples from each of the four sites for

SOW, MOD #3

Contract: 68-W-01-009, Task Order: 0008, Mod: 0003

Lead PR Number: PR-R4-03-10002

the analysis of pathogens. EPA will provide on-site field training and written instructions in Standard Operating Procedures (SOP) for sampling. For specific details see the attached SOP's, (sample numbering, SFBR10, SFBR30, SFBR60, and SFBR70).

All of the field equipment and supplies, vehicles, and sample storage is staged at the Field Research Annex on 625 Bailey Street.

Quality Assurance

All field samples shall be kept on ice in ice chests during sampling and transport to the Field Research Annex for analysis. Ice is available in the ice freezer at the Field Research Annex. At the end of a 12-hour sampling shift, all samples shall be returned to the Field Research Annex, removed from the ice chests and placed in cold storage. The DH-59 samples shall be placed in the walk-in-cooler, grouped by site and accompanied with the following information: date and time of arrival; site where samples were collected; number of DH-59 and bedload samples; and names of sample collectors. The bedload samples shall be placed in the walk-in-freezer, grouped by site along with the same documentation as the DH-59 samples. The sample information shall be recorded in a record book located in the TMDL shed at the Field Research Annex.

The contractor shall collect one-field duplicate sample for pathogen analysis during each 12-hour sampling shift. All samples for pathogen analysis shall be held on ice at $<10^{\circ}\text{C}$. These samples will be picked up frequently and analyzed as soon as possible to ensure that the holding time of 6-hours is not exceeded.

The contractor shall keep records in field log book for each of the four high priority stream monitoring sites including: site shift leader; date and time of hourly stream stage data for depth and turbidity from the LCD of the ISCO sampler on site. In addition, any problems noted during sampling shall be recorded. The log books shall remain on site except at SFBR10 which will remain in the crane truck.

Supplies and Equipment

EPA will provide and maintain all sampling supplies, equipment, four GSA vehicles and a Kawasaki mule (4X4) with trailer for site SFBR60. All vehicles shall be kept at the Field Research Annex when not in use.

EPA will not provide personal protective equipment which includes: Rain suits, clothing, hard hat, safety glasses, ear protection, boots, flash lights and any other personal or safety supplies and equipment for contract sampling team members.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 05/01/02	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region 4 Procurement Section, 14th Floor 61 Forsyth Street, SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 8 10B. DATED (SEE ITEM 13) 02/12/01

CODE	FACILITY CODE
------	---------------

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

As the result of delays beyond the contractor's control, additional time is required for the completion of previously assigned work under this Task Order. Accordingly, the Period of Performance is hereby extended to 1/31/03. All other terms, conditions, and costs previously negotiated remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED MAY 7 2002

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008, Mod: 0002

Summary Information

Title: ORD South Fork Broad River TMDL Support
Period of Performance: From: 02/12/01
To: 01/31/03
Award Date: 02/12/01
Total Funding: \$88,935.00

Summary Changes

The anticipated expiration date has changed from 04/30/02 to 01/31/03.

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - UKE019	Estimated Cost	
	Fixed Fee	
	Total:	

**Redacted
Exemption 4, CBI**

\$88,935.00

[M] - Modified
[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 10/15/01	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10007		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region 4 Procurement Section, 14th Floor 61 Forsyth Street, SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 8	
			10B. DATED (SEE ITEM 13) 02/12/01	
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

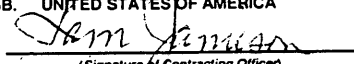
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	FAR 43.202
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

In accordance with contractor's proposal this modification increases ceiling by \$29,924.00 for 30 additional cross sections (see attached SOW); increases hours by 1,007 to new total of 3,057 LOE hours; extends the period of performance to 4/30/02.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		SAM R. JAMISON	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		 (Signature of Contracting Officer)	10-15-01

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008, Mod: 0001

Lead PR Number: PR-R4-02-10007

Summary Information

Title: ORD South Fork Broad River TMDL Support
Period of Performance: From: 02/12/01
To: 04/30/02
Award Date: 02/12/01
Total Funding: \$88,935.00

Summary Changes

The Task Order Ceiling has changed from 59011 to 88935.

The anticipated expiration date has changed from 01/31/02 to 04/30/02.

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
UKE019	01	C	26UKONN	20203F	00000000		2532	\$29,924.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - UKE019	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$88,935.00

**Redacted
Exemption 4, CBI**

[M] - Modified

[A] - Added

Procurement Management Roles

The following item(s) have been added:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: ALAN G. AUWARTER
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: (706) 355-8704
Fax Number:
E-Mail Address:

Attachments

The following item(s) have been added:

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008, Mod: 0001

Lead PR Number: PR-R4-02-10007

Attachment Type

Invoice Approval Authority

Totals

SOW Mod. Adding 30 Cross Sections

Subcontractor Consent

The following item(s) have been added:

Name	Type	Amount
-----	-----	-----
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$8,642.00

Totals

The following item(s) have been modified:

Category	From Amount	To Amount	Difference
-----	-----	-----	-----
Estimated Cost		Redacted	
Fixed Fee		Exemption 4, CBI	

Invoice Approval Authority

Contract: 68-W-01-009, Task Order: 0008, Mod: 0001

Lead PR Number: PR-R4-02-10007

Notwithstanding the appointment of Alternate Task Order Project Officers on this modification, only the contract level Project Officer and Alternate shall have invoice approval authority.

Totals

Contract: 68-W-01-009, Task Order: 0008, Mod: 0001

Lead PR Number: PR-R4-02-10007

Category

From Amount

To Amount

Difference

Estimated Cost
Fixed Fee

Redacted
Exemption 4, CBI

SOW Mod. Adding 30 Cross Sections

Contract: 68-W-01-009, Task Order: 0008, Mod: 0001

Lead PR Number: PR-R4-02-10007

Statement of Work
Task Order No. 008 Modification #1
ORD South Fork Broad River TMDL Support
Period of Performance 2/1/2001 - 4/30/2002

PURPOSE

The purpose of this Task Order (TO) is to modify the original Task Order to request additional support through a buy-in analytical, biological, field sampling and sediment characterization support for the ORD South Fork Broad River TMDL and EPA Region 4 Science Ecosystem Support Division (SESD). The contractor shall perform and provide field/laboratory support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) **Task Area I, Analytical Support, Task Area III: Analytical Logistical Support and Task Area IV, QA/QC Support**. Listed below is Region 4's expected number of requests to be added to **Task 2: Sediment Characterization Analysis**, or **Task 3: Biological Support** and **Table 1** of the original task order.

STATEMENT OF WORK:

Contractor shall provide an additional thirty cross-sections as required for the South Fork Broad River TMDL. EPA requests 23 cross sections in the South Fork and 7 in Clouds Creek.

Contractor shall provide longitudinal sections including surveying cross-sections to common bench for the 34.5 streams miles. This includes the previous completed 276 cross sections plus 10 cross sections to be completed and the 30 additional cross sections being requested. The level of circuit should be to the accuracy of 4th order standard.

Deliverables:

The contractor shall submit to the TOPO electronic reports for all cross section and longitudinal measurements in accordance with the requirements specified in TDFs and SOPs.

September 25, 2001 (10:39AM)

ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF 9 PAGES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 02/12/01		2. CONTRACT NO. (If any) 68-W-01-009		6. SHIP TO:	
3. ORDER NO. 0008		4. REQUISITION/REFERENCE NO. PR-R4-01-10358		a. NAME OF CONSIGNEE MICHAEL H. BIRCH, TOPO	
5. ISSUING OFFICE (Address correspondence to) U.S. EPA				b. STREET ADDRESS COLLEGE STATION RD	
7. TO:				c. CITY ATHENS	d. STATE GA
				e. ZIP CODE 30613	
a. NAME OF CONTRACTOR INTEGRATED LABORATORY SYSTEM				f. SHIP VIA	
b. COMPANY NAME				8. TYPE OF ORDER	
c. STREET ADDRESS P.O. BOX 13501				[] a. PURCHASE REFERENCE YOUR:	
d. CITY Research Triangle Park				[X] b. TASK -- Except for billing instructions on the reverse, this task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above- numbered contract.	
e. STATE NC				Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet. If any, including delivery as indicated.	
f. ZIP CODE 27709					
9. ACCOUNTING AND APPROPRIATION DATA See Attached				10. REQUISITIONING OFFICE Same as Block 6	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))			
[X] a. SMALL	[] b. OTHER THAN SMALL	[] c. DISADVANTAGED	[] d. WOMEN OWNED
12. F.O.B. POINT Same as Block 6		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)
13. PLACE OF		16. DISCOUNT TERMS N/A	
a. INSPECTION Same as Block 6	b. ACCEPTANCE Same as Block 6		

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	See Attached					
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		
21. MAIL INVOICE TO:						17(h). TOT. (Cont. pages)
SEE BILLING INSTRUCTIONS ON REVERSE	a. NAME Environmental Protection Agency					
	b. STREET ADDRESS (or P.O. Box) Research Triangle Park Financial Management Center (MD-32)					
	c. CITY Research Triangle Park	d. STATE NC	e. ZIP CODE 27711			
					\$59,011.00	17(i). GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

Sam Jamison

23. NAME (Typed)

SAM R. JAMISON

TITLE: CONTRACTING/ORDERING OFFICER

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008

Lead PR Number: PR-R4-01-10358

Summary Information

Title: ORD South Fork Broad River TMDL Support
Period of Performance: From: 02/12/01 To: 01/31/02
Award Date: 02/12/01
Total Funding: \$59,011.00

Accounting/Appropriation Data

DCN	BFYS	Appr. #	Org	Program Element	Site/Project	Cost Org	Obj Class	Amount	P / C
UKE019	01	C	26UKONN	20203F	00000000		2532	\$59,011.00	P

Funding Breakout

Acct. Info	Funding Category	Amount	Redacted
FY2001 - UKE019	Estimated Cost		Exemption 4, CBI
	Fixed Fee		
Total:		\$59,011.00	

Procurement Management Roles

TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: MICHAEL H. BIRCH
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number:
Fax Number:
E-Mail Address:

Attachments

Attachment Type
Hours & Fee Billing
ORD South Fork Broad River TMDL Support

Task Order Totals

Category	Amount	Redacted
Estimated Cost		Exemption 4, CBI
Fixed Fee		

Hours & Fee Billing

Contract: 68-W-01-009, Task Order: 0008

Lead PR Number: PR-R4-01-10358

This is a cost reimbursable completion type order. The government and contractor have agreed upon 2,050 direct labor hours.

Incremental billing of fee shall be based upon completed TDFs.

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008

Lead PR Number: PR-R4-01-10358

January 28, 2001 (2:59PM)

Statement of Work Task Order No. 008

ORD South Fork Broad River TMDL Support Period of Performance 2/12/2001 - 1/31/2002

PURPOSE

The purpose of this Task Order (TO) is to provide through a buy-in analytical, biological, field sampling and sediment characterization support for the ORD South Fork Broad River TMDL and EPA Region 4 Science Ecosystem Support Division (SESD). The contractor shall perform and provide field/laboratory support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) Task Area I, Analytical Support, Task Area III: Analytical Logistical Support and Task Area IV, QA/QC Support. See Table 1 for Region 4's expected number of requests for each Task listed below.

STATEMENT OF WORK:

The contractor shall provide analytical chemistry, biological, field sampling and analytical support to EPA at the Agency's regional laboratory facilities and at specified field locations using mobile laboratory(ies) and/or field based analytical methods.

The contractor shall comply with all SESD SHEMP health and safety, environmental, waste handling and other applicable SESD work rules while conducting on-site or off-site functions. The contractor shall also follow Good Automated Laboratory Practices for all analytical work required by this TO. Upon issuance of this TO, the Task Order Project Officer (TOPO) will provide the contractor with applicable requirements. The contractor shall become familiar with all applicable standard operating procedures (SOPs) referenced in and accompanying the TO.

The contractor shall notify the TOPO immediately if it encounters any equipment failure that cannot be readily remedied by the contractor or technical problems that may impact the quality or on-time delivery of deliverables, or if any required equipment or supplies are unavailable to accomplish required work under this TO.

Task 1: Task Order Management:

The contractor shall track the status of tasks, labor hours and costs for each task under this TO in accordance with the contract Attachment 2, Reports of Work Page 2-1 of 5 and a SOP to be submitted by the contractor for EPA approval. Program management costs shall be broken out from other costs in the financial report. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with weekly reports of the above-referenced data. The initial report shall be in a format proposed by the contractor. EPA will review the initial report and specify changes for subsequent reports through the issuance of a Technical Direction Form (TDF).

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed basis, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this TO through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate and complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008

Lead PR Number: PR-R4-01-10358

The contractor shall implement its quality assurance program in accordance with its EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2. The contractor shall prepare a Quality Assurance Project Plan (QAPP) according to the requirements outlined in EPA QA-R5 for activities under this TO involving environmental measurements within the time frames specified in the approved Work Plan for this TO. The contractor shall revise its QMP and QAPP in accordance with task requirements or as required by EPA through the issuance of a TDF.

The contractor shall implement a health and safety program in accordance with its Health and Safety Plan and all applicable Federal, state, and local laws and regulations and EPA facility work rules. The contractor shall revise its Health and Safety Plan as needed to assure that all requirements specified above are addressed.

Deliverables: The contractor shall submit to the Contracting Officer (CO), PO, and TOPO an SOP for tracking activities under this task with the TO Work Plan for EPA approval.

The contractor shall submit to the PO and TOPO weekly reports of the status of tasks and costs under this TO.

The contractor shall submit to the PO and TOPO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO. The contractor shall submit to the PO and TOPO any revisions to its QMP and QAPP, in accordance with task requirements and TDFs issued by EPA.

The contractor shall submit to the PO and TOPO a Health and Safety Plan within the time frame specified in the approved Work Plan for this TO.

Task 2: Sediment Characterization Analysis:

Table 1 is an estimate of the number of samples that will require preparation and/or analysis for the South Fork Broad River TMDL buy-in. For this TO the contractor shall provide the staffing plan, costs, hours etc. The contractor shall perform all sample processing, analyses and data reductions of assigned samples in conformance with specified SOPs and TDF requirements. During all analytical steps, the contractor shall comply with all quality assurance requirements, including the maintenance of quality control measurements, as specified in the applicable SOPs. The contractor shall also prepare all analytical standards required for the sample analysis.

The TOPO shall assign the analysis of each batch of samples covering a specific project and other analytical support activities through the issuance of a TDF. The TDF will specify the number and identity of samples requiring analysis, the analytical methodologies to be used and a schedule for analysis and submission of deliverables.

The Contractor shall perform the following activities in accordance with the U.S. EPA, Region IV Environmental Investigations Branch Standard Operating Procedures and Quality Assurance Manual, dated January 1997, (<http://www.epa.gov/region4/sesd/eisopqam/eisopqam.html>) the U.S. EPA, Region IV Analytical Support Branch Operations and Quality Control Manual, dated August 2000, (<http://www.epa.gov/region4/sesd/asbsop/asbsop.html>), or any and all revisions of the guidance, and other guidance documents stated in this TO. The guidelines above are available through the Internet at the following address: http://www.epa.gov/region4/sesd/sesdpub_guidance.html.

The contractor shall maintain logbooks and worksheets in accordance with good laboratory practices and complete all documents and recordings as required by the analytical SOP. The contractor shall archive sample extracts in the designated areas, upon completion of the analysis of each batch of samples, and archive the data on electronic media, when required by storage capacity, in accordance with the appropriate SOPs.

The contractor shall track the progress of completion of each analytical project by updating the QA/QC status of the samples in the Region 4 Laboratory Information Management System (R4LIMS) to track sample preparation (number of samples), analysis and data reduction and submission of deliverables.

The contractor shall perform other analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment. These activities include the analysis of performance evaluation and other QA-related samples; the evaluation of instrumentation, software, and methodologies; the review, preparation or revision of analytical SOPs; and other analytical-related support tasks.

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008

Lead PR Number: PR-R4-01-10358

The contractor shall provide analyses for total carbon, turbidity, particle size analysis and gravimetric analysis such as TSS, TDS, organic and inorganic content and conductivity and field related analysis.

Deliverables: The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other analytical support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF.

Task 3: Biological Support:

The contractor shall perform the biological support on the basis of **B. Biological Support:** of the contract SOW in accordance with the U.S. EPA Region IV Ecological Support Branch Standard Operating Procedure Manual, January 2000, Rapid Bioassessment Protocols for Use in Wadeable Streams and Rivers, Second Edition, 841-B-99-002, and Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Water, EPA/600/4-90/030, November 1990.

The contractor shall conduct on-site field sampling, hydrological, cross sectional measurements, geomorphological and sediment sampling, such as suspended and bed load sediment sampling, riparian habitat assessments at the sites listed. Measurement of GPS coordinates shall be performed at all sites.

The contractor shall collect biological samples such as mussels, crabs, fish, reptiles and amphibians and shall perform rapid bioassessments per U.S. EPA 841-B-99-002 and Region 4 SOP. In-conjunction with the rapid bioassessment the contractor shall conduct habitat evaluations. The contractor shall perform sorting, taxonomic identification and enumeration of macro invertebrates and fish species. This would also include sample processing such as tissue homogenization and sample shipping.

The contractor shall provide sample preparation and packaging, chain-of custody requirements, and decontamination procedures per the TO or as issued in the TDF.

The contractor shall perform QA/QC analysis with all the above mentioned analytical and field tasks.

The contractor shall provide support and expertise to the EPA ORD sediment laboratory on setup, training, and testing of sediment analysis.(not to exceed 80 hours).

The contractor shall provide data reduction support for the above mentioned activities.

Deliverables:

The contractor shall submit to the TOPO reports pertaining to the analysis of samples, biological, hydrological, geomorphological and sediment support activities in accordance with the requirements specified in TDFs and SOPs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF. The contractor shall submit any revised SOPs with the test report.

The contractor shall provide for the sites the following as specified in the TDF:

1. Benthic macroinvertebrate collections.
2. fish RBP data and voucher specimens.
3. fish and aquatic species collections for metals and organic analysis.
4. water samples for nutrient and AGPT analyses.
5. habitat evaluations and stream geomorphology measures.
6. In-situ water quality measurements.

The contractor shall provide taxonomic lists of benthic macro invertebrates and fish species. The contractor shall perform data reduction, analyzes, and tabulation of results according to 1999 (2nd Ed.) RBPs II and V. The contractor shall provide IBIs for macros and, where possible, fish. The contractor shall provide forms and laboratory log books for all recordings including QA/QC documentation required by the SOPs and TDFs, and daily calibration of laboratory instruments.

Task 4: Field/Warehouse Support:

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008

Lead PR Number: PR-R4-01-10358

The contractor shall provide support as listed in **C. Field Analytical Support, Field Warehouse Operations Support**, and pertinent **Task Area III, Analytical Logistical Support** in the contract SOW. To perform the task described in the TO. The contractor shall perform the field activities in accordance with the U.S. EPA Region IV Environmental Investigations Standard Operating Procedure Manual, January 1997, or any and all revisions of the guidance

Frequent travel within Region IV is required. The contractor will coordinate with Project Leaders for transportation to site via GOV or GFP. Site visits may include documentation of field collection efforts, sampling locations, and methodologies to determine if technical comments provided in site-specific work plans are followed and incorporated into subsequent deliverables. The contractor shall prepare detailed records of all such activities. In all instances, the contractor shall identify themselves as employees of ILS/Mantech.

Deliverables: The contractor shall prepare and submit reports associated with the above list of tasks as per **F. Deliverables** in the contract SOW, appropriate regional TO/SOPs or as issued through the TDF. Computer reports will be provided for ordering of consumables and items consumed for field projects.

Task 5: Routine Instrument Maintenance:

The contractor shall perform routine analytical laboratory instrument set up and maintenance activities required for the analysis of samples assigned under this TO. The TOPO shall assign routine set up and maintenance of instrumentation, not completed in connection with the contractor's analysis of samples, through the issuance of a TDF, which will specify the nature of the tasks and schedule for completion.

Deliverables: The contractor shall prepare and submit a report to the PO and TOPO outlining the activities completed and difficulties encountered for tasks assigned through each TDF within five (5) days of completion.

Task 6: Technology Transfer:

The contractor shall provide information to EPA personnel for the purpose of transferring knowledge of a specific analytical or QA technique or technology obtained in performing work under the ESAT contract, and attend conferences or meetings, in accordance with Task Area V of the contract Statement of Work (SOW). The TOPO will issue TDFs to the contractor specifying the information required and the schedules for completion.

Deliverables: The contractor shall prepare and deliver to the PO and TOPO a summary of information provided under each TDF within five (5) days of completion or as specified in the TDF. The contractor shall provide support and expertise to the EPA ORD sediment laboratory on setup, training, and testing of sediment analysis (not to exceed 80 hours).

Task 7: Training:

The contractor shall attend vendor-specific training in new technologies or specialty equipment/instruments and other EPA-specific training relating to the analysis of environmental samples, in accordance with Task Area V of the contract SOW. This may include training related to analytical instrumentation, field sampling technology, quality assurance, software or other related material. All training shall be performed only upon prior issuance of a TDF, specifying the nature of and schedule for training.

Task 8: Sample Custodian and File Manager:

The contractor shall perform sample custodial duties at SESD for environmental samples in accordance with the SOPs specified above. The contractor shall receive environmental samples arriving at the laboratory, and upon receipt, log the samples into the R4LIMS and refrigerator/freezer log and store the samples in the appropriate refrigerators, freezers, or shelves. The contractor shall generate and/or distribute chain-of-custody, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite). Tracking, packaging, and shipping samples; and the return of coolers to the FEC will be requested.

The contractor shall meet "all" HAZMAT safety procedures for handling of materials and disposal of samples. The contractor shall perform support activities relating to the disposal of environmental samples in accordance with the Sample Disposition and Disposal SOP in the SHEMP Manual. These activities include the storage of analyzed samples in the appropriate refrigerators, tracking of samples due for disposal, obtaining reports for samples to be

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008

Lead PR Number: PR-R4-01-10358

disposed of, filing of the sample disposal sheets after sign-off by the site project officer, and notification of designated EPA personnel that samples are ready for disposal.

Deliverables: The contractor shall submit to the PO and/or TOPO completed forms and document inventories, in accordance with HAZMAT SOP requirements.

ORD South Fork Broad River TMDL Support

Contract: 68-W-01-009, Task Order: 0008

Lead PR Number: PR-R4-01-10358

TABLE 1
ORD SOUTH FORK BROAD RIVER TMDL SUPPORT
ESTIMATED NUMBER OF SAMPLES AND ANALYTES

TYPE ANALYSIS	SAMPLES
Macroinvertebrate/ Sorting and ID	2
Biological Collections (Sites)	2
# of Sites for Field Reagent Preparation	8
Site Sediment Characterization	6
Sample Disposal	140
Turbidity	140
TSS Analysis	140
Bedload/PSA	140
Total Dry Weight	140
Samples Prepared	140
Organic/inorganic Content	140
TOC/TC	140
Cross Sections	50
TOTAL SOIL/SEDIMENT	1048